Driving
Quality
Together

Index of analytes

Proficiency Testing

2019

lgcstandards.com/pt

ISO/IEC 17043

Analyte	Scheme	Matrix	Sample
@ 10000 mPa*s (cP)	OIL	Engine oil lubricants	5
@ 20000 mPa*s (cP)	OIL	Engine oil lubricants	5
@ 40000 mPa*s (cP)	OIL	Engine oil lubricants	5
1,1,1,2-Tetrachloroethane	CONTEST	Standard solution	Group C, 19
		Soil	25
1,1,1-Trichloroethane	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
	AQUACHECK	Groundwater	7B
		Synthetic effluent	19B
	CONTEST	Standard solution	Group C, 19
		Soil	25
	PHARMASSURE	Residual Solvents	2E
1,1-Dichloroethene	PHARMASSURE	Residual Solvents	2E
1,2,3-Trichlorobenzene	AQUACHECK	Groundwater	7B
		Synthetic effluent	19B
		Spiking solutions	TRIAL
	CONTEST	Standard solution	Group C, 19
		Soil	25
1,2,4-Trichlorobenzene	AQUACHECK	Groundwater	7B
		Synthetic effluent	19B
		Spiking solutions	TRIAL
	CONTEST	Standard solution	Group C, 19
		Soil	25
	AQUACHECK	Groundwater	6C
1,2,4-Trimethylbenzene (TMB)	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
1,2-Dichloroethane	AQUACHECK	Groundwater	6A
		Groundwater	7B
		Synthetic effluent	18A
		Synthetic effluent	19B
		Water Framework Directive	34H
	CONTEST	Standard solution	Group C, 19
	PHARMASSURE	Residual Solvents	2E
	CONTEST	Soil	25
		Standard solution	Group C, 19
		Soil	25

Analyte	Scheme	Matrix	Sample
1,3,5-Trichlorobenzene	AQUACHECK	Groundwater	7B
		Synthetic effluent	19B
		Spiking solutions	TRIAL
1,3,5-Trinitrobenzene	AQUACHECK	Spiking solutions	TRIAL
1,3-Dinitrobenzene	AQUACHECK	Spiking solutions	TRIAL
12:0 Lauric acid	QFCS	Oil or fat	778
		Grated cheese	800
14:0 Myristic acid	QFCS	Oil or fat	778
14:1 n-5 Myristoleic acid	QFCS	Oil or fat	778
15:0 Pentadecanoic acid	QFCS	Oil or fat	778
16:0 Palmitic acid	QFCS	Oil or fat	778
16:1 Palmitoleic acid (cis & trans)	QFCS	Oil or fat	778
17:0 Heptadecanoic acid	QFCS	Oil or fat	778
18:0 Stearic acid	QFCS	Oil or fat	778
18:1 Oleic acid (cis) n-9	QFCS	Oil or fat	778
18:2 Linoleic acid (n-6) cis & trans	QFCS	Oil or fat	778
18:3 Linolenic acid (n-3) cis & trans	QFCS	Oil or fat	778
2 + 3 Methylbutanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
2,2,4,4,5,6-Hexabromodiphenylether (BDE 154)	AQUACHECK	Water Framework Directive	34H
		Water Framework Directive	34I
2,2,4,4,5-Pentabromodiphenylether (BDE 99)	AQUACHECK	Water Framework Directive	34H
		Water Framework Directive	34I
2,3,6-TBA	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4,4-Tribromodiphenylether (BDE 28)	AQUACHECK	Water Framework Directive	34H
		Water Framework Directive	34I
2,4,5-T	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4,5-TP (Fenoprop)	AQUACHECK	Groundwater	8
		Synthetic effluent	20

Analyte	Scheme	Matrix	Sample
2,4,6-Trichlorophenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
2,4-D	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4-DB	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4-Dichlorophenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
2,4-Dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
2,5-Dimethylphenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
2,6-Dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
20:0 Eicosanoic arachidic acid	QFCS	Oil or fat	778
20:1 Gadoleic acid (cis & trans)	QFCS	Olive oil	791
22:0 Behemic acid	QFCS	Oil or fat	778
22:1 Methyl erucate	QFCS	Oil or fat	778
2-Amino-4,6-dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
2-Chlorophenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
2-Chlorotoluene	CONTEST	Standard solution	Group C, 19
		Soil	25
2-glyceryl monopalmitate	QFCS	Olive oil	791
2-Methylbutanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
2-Methylphenol (o-cresol)	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
2-Nitrotoluene	AQUACHECK	Spiking solutions	TRIAL
2-Phenethyl Acetate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
2-Phenethyl Ethanol	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
3,5 Stigmastadienes	QFCS	Extra virgin olive oil	790

Analyte	Scheme	Matrix	Sample
3,5-Dimethylphenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
3.5 Stigmastadienes	QFCS	Olive oil	791
30000 mPa*s (cP)	OIL	Engine oil lubricants	5
3-Bromophenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
3-Methylbutanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
3-Methylphenol (m-cresol)	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
3-Nitrotoluene	AQUACHECK	Spiking solutions	TRIAL
4 tert-Octylphenol	AQUACHECK	Water Framework Directive	34D
4:0 Butyric acid	QFCS	Grated cheese	800
4-Amino-2,6-dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
4-Chlorophenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
4-Methylphenol (p-cresol)	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
4-n Heptylphenol	AQUACHECK	Water Framework Directive	34D
4-n Hexylphenol	AQUACHECK	Water Framework Directive	34D
4-n Nonylphenol	AQUACHECK	Water Framework Directive	34D
4-n Pentylphenol	AQUACHECK	Water Framework Directive	34D
4-Nitrotoluene	AQUACHECK	Spiking solutions	TRIAL
4-Phenylcycohexene (4-PCH)	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
5-HMF	DAPS	Scotch whisky	Group B, B1
6-Monoacetylmorphine	DAU	Urine	1
6-Monoacetylmorphine screen	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
A solid or liquid for identification purposes	FAE	Liquid	ID1/2
ABV (qualitative)	BAPS	Alcohol free/low alcohol beer	7

Analyte	Scheme	Matrix	Sample
ABV (quantitative)	BAPS	Alcohol free/low alcohol beer	7
Accelerated oxidation test (Rancimat) at 120°C	QFCS	Olive oil	791
		frying oil	796
Acenaphthene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Acenaphthylene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Acesulfame K	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
	QFCS	Liquid	761
Acetal	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
Acetaldehyde	AIR	Glass fibre filter 25mm diameter (Workplace air)	8
	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
Acetate	AQUACHECK	Spiking solutions	TRIAL
Acetic acid	DAPS	Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
Acetone	PHARMASSURE	Residual Solvents	2E
	TOX	Blood	TAK
		Serum	TAS
acid and base titration	PHARMASSURE	Acid solution	1B
Acid detergent fibre (ADF)	AFPS	Animal feed	1
Acid Fast Bacilli Smear	CLS	Slides	AFB
Acid insoluble ash	QFCS	Ground pepper	815
Acid number	OIL	#2 Diesel fuel	2

Analyte	Scheme	Matrix	Sample
Acid number	OIL	Service Engine Oil	6
Acid number - Total (potentiometric)	OIL	Crude oil	4
Acid number (potentiometric)	OIL	Engine oil lubricants	5
Acidity	QFCS	Cake	793
		Bread	776
Acidity (as Citric acid monohydrate)	QBS	Fruit juice	510
acidity (as Citric acid monohydrate)	QBS	Carbonated drinks	515
Acidity (as Citric acid monohydrate)	QBS	Dilutable and ready to drink materials	517A
Acoustic testing (EN71-1)	TOYTEST	Toy product	13
Acrylamide	AQUACHECK	Spiking solution	37
	QFCS	Snacks (e.g. potato crisps)	788
Actual alcoholic strength	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Adenovirus Antigen	CLS	Liquid	VIR
Advanced titration (potentiometric, non-aqueous)	PHARMASSURE	Sample format will depend upon test type	6J
Aerobic mesophilic bacteria (Detection)	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
Aerobic mesophilic bacteria (Enumeration)	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
Aerobic psychrotrophs (Enumeration)	QMAS	Meat	758
	QMS	Oatmeal	25
Aflatoxin B1	AFPS	Animal feed	5
	QFCS	Nuts	779
Aflatoxin B2	AFPS	Animal feed	5
	QFCS	Nuts	779

Analyte	Scheme	Matrix	Sample
Aflatoxin G1	AFPS	Animal feed	5
	QFCS	Nuts	779
Aflatoxin G2	AFPS	Animal feed	5
	QFCS	Nuts	779
Aflatoxin M1	QDCS	Freeze dried milk	60
	QDCS	Soft cheese	62
Aflatoxins (Total)	AFPS	Animal feed	5
Aflatoxins B1, B2, G1, G2	QFCS	chilli powder	794
		Dried fruit	804
Alachlor	AQUACHECK	Groundwater	8
		Water Framework Directive	34C
		Spiking solutions	TRIAL
Alanine	QDCS	Infant Formula Powder	64
Alcohol	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Alcohol (Quantification)	QUARTZ	Blood	4
Alcohol by volume	BAPS	Ale (Bitter)	1B
		Lager	1L
		Ale	3
Alcohol in blood alcohol technical defence (ATD)	QUARTZ	Paper exercise	5
Aldrin	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Aliphatic	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Alkalinity	AQUACHECK	Hard water	1H
		Soft water	1S
		Seawater	TRIAL
Almond	QFCS	Rice flour	808
Alpha Amylase	MAPS	Brewers and distillers malt	1
		Malt	6
		Wheat	7

Analyte	Scheme	Matrix	Sample
Alpha Endosulphan	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Alpha Hexachlorocyclohexane	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Alprazolam	TOX	Serum	BNBZ
Aluminium	AQUACHECK	Natural water	4
		Groundwater	4G
		Synthetic effluent	12
		Industrial wastewater	17C
	BAPS	Lager	2L
	OIL	Service Engine Oil	6
Ametryn	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Amfetamines and Stimulants	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Amfetamines screen	DAH	Hair	DH01
		Hair	DH02
	DAU	Urine	1
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Amikacin	TDM	Human serum	AT03
Amiodarone	TDM	Human serum	CRD
Amisulpride	TDM	New born calf serum	PS24
Amitriptyline	QUARTZ	Blood	3
	TDM	New born calf serum	PS01

Analyte	Scheme	Matrix	Sample
Ammonia	AIR	Impinger solution (Stack emissions)	37
	AQUACHECK	Hard water	2H
		Soft water	2S
		Industrial wastewater	17D
		Water	TRIAL
		Seawater	TRIAL
	CONTEST	Soil	Group D, 18
	AQUACHECK	Spiking solution	10
	CONTEST	Soil	Group B, 3B
Ammoniacal Nitrogen	AQUACHECK	Sewage sludge	16
		Spiking solutions	TRIAL
AMPA	AQUACHECK	Synthetic effluent	20
	QFCS	Barley flour	807
Amphetamine	QUARTZ	Blood	3
Anaerobic sulphite-reducing bacteria (Enumeration)	QMS	Skimmed milk powder	15
		Oatmeal	15
Anaesthetic drugs	QUARTZ	Blood	1
		Blood and case study	2
Anionic-active matter	COSMETICS	Powder detergent	29
Anisidine value	QFCS	Oil or fat	778
Anthracene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34F
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Antibiotics (Beta Lactam based)	QDCS	Freeze dried milk	34 (A,B&C)
Antibiotics (Penicillin and Sulfur based)	QDCS	Freeze dried milk	57 (A,B&C)
Anticholinergic drugs	QUARTZ	Blood	1
		Blood and case study	2
Anticonvulsant drugs	QUARTZ	Blood	1
		Blood and case study	2
Antidepressant drugs	QUARTZ	Blood	1
		Blood and case study	2
Antihistamine drugs	QUARTZ	Blood	1
		Blood and case study	2

Analyte	Scheme	Matrix	Sample
Antimony	AIR	Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Clean water	5A
		Groundwater	5G
		Synthetic effluent	12
		Industrial wastewater	17C
	CONTEST	Standard solution	Group A, 1b
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	OIL	Service Engine Oil	6
	QBS	Fruit juice	518
		Soft drink	519
Antipsychotic drugs	QUARTZ	Blood	1
		Blood and case study	2
AOX	AQUACHECK	Wastewater	27
API gravity	OIL	Crude oil	4
Apparent alcoholic strength	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
Apparent Gravity	BAPS	Alcohol free/low alcohol beer	7
Appparent gravity (Present Gravity)	BAPS	Ale (Bitter)	1B
		Lager	1L
Aqueous tritium	AQUACHECK	Clean water	31
Arachidic acid 20:0	QFCS	Olive oil	791
Arginine	QDCS	Infant Formula Powder	64
Aripiprazole	TDM	New born calf serum	PS25
Aroma - Alcoholic/Solvent	BAPS	Lager/ale (Bitter)	5
Aroma - Burnt	BAPS	Lager/ale (Bitter)	5

Analyte	Scheme	Matrix	Sample
Aroma - Caramel	BAPS	Lager/ale (Bitter)	5
Aroma - Cereal	BAPS	Lager/ale (Bitter)	5
Aroma - DMS	BAPS	Lager/ale (Bitter)	5
Aroma - Fruity/Citrus	BAPS	Lager/ale (Bitter)	5
Aroma - Fruity/Estery	BAPS	Lager/ale (Bitter)	5
Aroma - Hop	BAPS	Lager/ale (Bitter)	5
Aroma - Malty	BAPS	Lager/ale (Bitter)	5
Aroma - Other	BAPS	Lager/ale (Bitter)	5
Aroma - Other Sulfur	BAPS	Lager/ale (Bitter)	5
Aroma - Oxidised/Aged	BAPS	Lager/ale (Bitter)	5
Aroma - Sweet	BAPS	Lager/ale (Bitter)	5
Aromatic ester	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Arsenic	AFPS	Animal feed	2
		Premix	8
	AIR	Quartz fibre filter 47mm diameter (Ambient air)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Clean water	5A
		Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Spiking solutions	TRIAL
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1b
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21

Analyte	Scheme	Matrix	Sample
Arsenic	CONTEST	Solid waste leachate	24
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
		Mouthwash sample	24
		Toothpaste sample	25
	PHARMASSURE	Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
Arsenic (total)	QCS	Cocoa powder	718
	QFCS	Dried tea	780
		Cereal	784
		Edible Oil	785
		Dried Fruit	786
		Brown rice	789
	QMAS	Shellfish	741
		Fish	742
		Meat	747
Ascorbic acid	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
Ascorbic acid (Vitamin C)	QBS	Liquid test material	514
Ash	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
	QCS	Cocoa powder	716
	QDCS	Hard cheese	37
		Skimmed milk powder	38A
		Whey powder	38B
		Whole protein concentrate	43
		Soft cheese	59
		Cheese Powder	63
	QFCS	Cereal	770
		'Ready to eat' product	772

Analyte	Scheme	Matrix	Sample
Ash	QFCS	Flour	775
		Bread	776
		Tomato paste/puree	783
		Cake	793
		Honey	801
		Coffee	802
		Ground pasta	816
		Jam or marmalade	817
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	734
	SUPS	Cane or beet sugar	1
		Raw sugar	7
Ash insoluble in hydrochloric acid	AFPS	Animal feed	1
		Wet Pet Food	9
Ash sulfated	OIL	Engine oil lubricants	5
Aspartame	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
	QFCS	Liquid	761
Aspartic acid	QDCS	Infant Formula Powder	64
Asphaltenes	OIL	Crude oil	4
Asulam	AQUACHECK	Groundwater	8
Atomoxetine	TDM	Lyophilised human serum	PST1
Atrazine	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
		Water Framework Directive	34B
		Spiking solutions	TRIAL
Available phosphate	AQUACHECK	Spiking solutions	TRIAL
Azinphos-ethyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Azinphos-methyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Azo - Dyes (EN14362-1 & EN14362-3)	TOYTEST	Toy material	8
Azoxystrobin	AQUACHECK	Spiking solution	40
Bacillus cereus (Enumeration)	QMAS	Meat	756

Analyte	Scheme	Matrix	Sample
Bacillus cereus (Enumeration)	QMS	Skimmed milk powder	17
		Oatmeal	17
		Skimmed milk powder	36
Bacillus species (Enumeration)	QMS	Skimmed milk powder	17
		Oatmeal	17
Bacteria (Indentification)	CLS	Liquid	BCP
		Liquid	GIP
		Liquid	MEP
		Liquid	RSP
Bacterial level by Bactoscan	QMS	Skimmed milk	39
Bacterial level by colony count	QMS	Skimmed milk	39
Bacterial vaginosis	CLS	Slides	GSV
Barbiturate drugs	QUARTZ	Blood	1
		Blood and case study	2
Barbiturates Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Barium	AQUACHECK	Hard water	1H
		Soft water	1S
		Natural water	4
		Groundwater	4G
		Industrial wastewater	17C
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	OIL	Engine oil lubricants	5

Analyte	Scheme	Matrix	Sample
Barium		Service Engine Oil	6
	TOYTEST	EN71 - 3 Standard solution and real material	3
Base number	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
		Service Engine Oil	6
Benazolin	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Bentazone	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Benz(a)anthracene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benz(a)pyrene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34F
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benz[a]anthracene	QFCS	Vegetable oil	805
Benzene	AIR	Charcoal filled glass sorbent tubes (Work-place air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Ambient)	12
		Carbopack X filled sorbent tubes	12A
		Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
		Water Framework Directive	34J
	CONTEST	Standard solution	Group C, 15
		Soil	22
	PHARMASSURE	Residual Solvents	2E
Benzo(a)pyrene	AQUACHECK	Spiking solutions	TRIAL
Benzo(b)fluoranthene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34F

Analyte	Scheme	Matrix	Sample
Benzo(b)fluoranthene	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzo(b/k)fluoranthene (Sum)	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzo(ghi)perylene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34F
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzo(k)fluoranthene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34F
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzo[a]pyrene	QFCS	Vegetable oil	805
Benzo[b]fluoranthene	QFCS	Vegetable oil	805
Benzodiazepine	DAH	Hair	DH01
		Hair	DH02
Benzodiazepine drugs	QUARTZ	Blood	1
		Blood and case study	2
Benzodiazepine Screen	DAU	Urine	1
		Urine	2
	DAU	Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Benzodiazepines	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Benzoic acid	COSMETICS	Cream sample	27
	DAPS	Ready to drink	Group E, E1
	QBS	Carbonated drinks (degassed)	516A
	QBS	Dilutable and ready to drink materials	517A
	QFCS	Liquid	760
Beryllium	AIR	Mixed cellulose ester filter spiked with beryllium solutions	18

Analyte	Scheme	Matrix	Sample
Beryllium	AQUACHECK	Natural water	5
		Groundwater	5G
		Synthetic effluent	12
		Industrial wastewater	17C
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
Beta endosulphan	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Beta glucan (EBC Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
Beta glucan (IoB Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
Beta hexachlorocyclohexane	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Bicarbonate	QBS	Liquid test material	524
Bifenox	AQUACHECK	Spiking solutions	TRIAL
Bifenthrin	AQUACHECK	Spiking solutions	TRIAL
Bifidobacterium Species (Enumeration)	QMS	Lyophilised test material	27
bile-tolerant gram-negative bacteria (Detection and or Enumeration)	PHARMASSURE	Lyophilised test material	4A
Bisphenol A	AQUACHECK	Water Framework Directive	34D
	TOYTEST	Plastic bead or pellet	16
Bitterness	BAPS	Ale	3
		Alcohol free/low alcohol beer	7
Bitterness (Factor = 50)	BAPS	Ale (Bitter)	1B
		Lager	1L
Blood culture	CLS	Pellet	COM
Blood parasite ID	CLS	Blood smears	BPS
BOD	AQUACHECK	Spiking solution	35
BOD (5 day)	AQUACHECK	Spiking solution	3

Analyte	Scheme	Matrix	Sample
BOD (5 day)	AQUACHECK	Spiking solution	11
Boiled Wort Colour (EBC Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
Bordetella parapertussis	CLS	Liquid	BTP
Bordetella pertussis	CLS	Liquid	BTP
Boron	AQUACHECK	Natural water	4
		Groundwater	4G
		Industrial wastewater	17C
		Seawater	TRIAL
	CONTEST	Soil	Group D, 18
	OIL	Service Engine Oil	6
	TOYTEST	EN71 - 3 Standard solution and real material	3
Boron (Total)	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
Boscalid	AQUACHECK	Spiking solution	40
BP distribution	OIL	#2 Diesel fuel	2
BRF 8ml	MAPS	Barley	2
Brivaracetam	TDM	Human serum	AE5
Brix	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517A
	QFCS	Tomato paste/puree	783
Brix (total)	DAPS	Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Bromacil	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Bromate	AQUACHECK	Spiking solution	3A
Bromazepam	TOX	Serum	BNBZ
Bromide	AQUACHECK	Spiking solution	3A
Bromodichloromethane	AQUACHECK	Groundwater	6A
		Synthetic effluent	18A
Bromoform	AQUACHECK	Groundwater	6A
		Synthetic effluent	18A
Bromoxynil	AQUACHECK	Groundwater	8

Analyte	Scheme	Matrix	Sample
Bromoxynil	AQUACHECK	Synthetic effluent	20
Bulk density	QDCS	Whole protein concentrate	43
Buprenorphine	DAH	Hair	DH01
	TDM	Human serum	SA01
Buprenorphine and Metabolite Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Burkholderia cepacia (Detection)	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
Butyl acetate	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Butylparaben	COSMETICS	Cream sample	27
Butyric acid	QCS	Chocolate	715
C. difficile Antigen	CLS	Liquid	CDF
C. difficile Toxin;	CLS	Liquid	CDF
Cadium	QFCS	Dried tea	780
Cadmium	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		x bulk metal ore/refinery dust sample	10C
		Quartz fibre filter 47mm diameter (Ambient)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Clean water	5B
		Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C

Analyte	Scheme	Matrix	Sample
Cadmium	AQUACHECK	Water Framework Directive	34A
		Spiking solutions	TRIAL
		Spiking solutions	TRIAL
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
	OIL	Service Engine Oil	6
	PHARMASSURE	Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	QCS	Cocoa powder	718
	QFCS	Cereal	784
		Edible Oil	785
		Dried Fruit	786
		Brown rice	789
		lyophilised mushrooms	795
		Table salt	819
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
Cadmium (Total)	TOYTEST	Paint flakes	9
Caffeine	QBS	Carbonated drinks (degassed)	516A
	QBS	Dilutable and ready to drink materials	517A
	QFCS	Coffee	802
	TDM	Human serum	TD1
Calcium	AFPS	Animal feed	2

Analyte	Scheme	Matrix	Sample
Calcium	AFPS	Premix	8
	AQUACHECK	Hard water	1H
		Soft water	1S
		Sewage sludge	16
		Spiking solutions	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Soft drink	519
		Liquid test material	524
	QDCS	Milk	28
		Hard cheese	37
		Whole milk powder	41
		Soft cheese	59
	QFCS	Flour	775
		Bread	776
		Cake	793
		Table salt	819
	QMAS	Precooked, raw or processed meat	731
Calcium (Ca)	QFCS	Coffee	802
Calculation of number of microorganisms	QWAS	Water	427
Campesterol	QFCS	Olive oil	791
Campylobacter species (Detection)	QMAS	Lyophilised meat	743
	QMS	Lyophilised test material	21
Campylobacter species (Enumeration)	QMS	Lyophilised test material	32
Candida albicans (Detection and or Enumeration)	PHARMASSURE	Lyophilised test material	4B
Candida albicans (Detection)	COSMETICS	Powder	10B
		Cream	13B

Analyte	Scheme	Matrix	Sample
Candida albicans (Detection)	COSMETICS	Liquid	16B
Cannabinoid drugs	QUARTZ	Blood	1
	QUARTZ	Blood and case study	2
Cannabinoid screen (THC)	DAH	Hair	DH01
		Hair	DH02
Cannabinoids	DAU	Urine	1
	DOF	Oral fluid	OF1
			OF2
			OF3
Cannabinoids Screen	DAU	Urine	1
			2
			3
	DOF	Oral fluid	OF1
			OF2
			OF3
Carbamazepine	TDM	Human serum	TD1
Carbamazepine + CBZ-epoxide	TDM	Human serum	TD1
Carbendazim	AQUACHECK	Spiking solution	40
Carbetamide	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Carbofuran	AQUACHECK	Groundwater	8B
Carbohydrate	QFCS	Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Ground pasta	816
		Jam or marmalade	817
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Carbohydrate (Total and available)	QFCS	Cereal	770
		'Ready to eat' product	772
Carbohydrate (Total)	BAPS	Lager	2L
Carbon	OIL	#2 Diesel fuel	2
Carbon Dioxide	BAPS	Ale (Bitter)	1B
		Lager	1L

Analyte	Scheme	Matrix	Sample
Carbon Dioxide	DAPS	Ciders	Group C, C1
		Ready to drink	Group E, E1
	QBS	Carbonated drinks	515
		Liquid test material	524
Carbon residue	OIL	#2 Diesel fuel	2
Carbon tetrachloride	AQUACHECK	Groundwater	6A
		Groundwater	7B
		Synthetic effluent	18A
		Synthetic effluent	19B
	PHARMASSURE	Residual Solvents	2E
Carbonate content	AQUACHECK	Agricultural soil	14
Carboxyhaemoglobin	TOX	Human blood	BLD
Carboxyhaemoglobin drugs	QUARTZ	Blood	1
		Blood and case study	2
Cardiovascular drugs	QUARTZ	Blood	1
		Blood and case study	2
CAS 1934-21-0 Tartrazine	QFCS	Liquid	763
CAS 25956-17-6 Allura Red	QFCS	Liquid	763
CAS 2611-82-7 Ponceau 4R	QFCS	Liquid	762
CAS 2783-94-0 Sunset yellow	QFCS	Liquid	762
CAS 3567-69-9 Carmoisine	QFCS	Liquid	762
CAS 3844-45-9 Brilliant blue	QFCS	Liquid	763
CAS 8004-92-0 Quinoline yellow	QFCS	Liquid	763
CAS 860-22-0 Indigo carmine	QFCS	Liquid	762
Cationic-active matter	COSMETICS	Powder detergent	29
CBZ-epoxide	TDM	Human serum	TD1
Chill difference	DAPS	Scotch whisky	Group B, B1
Chlamydia trachomatis;	CLS	Liquid	CGC
Chloramphenicol	QMAS	Shellfish	754
Chlorate (High level)	AQUACHECK	Spiking solution	3A
Chlorate (Low level)	AQUACHECK	Spiking solution	3A
Chlorfenvinphos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Water Framework Directive	34C
		Spiking solutions	TRIAL

Analyte	Scheme	Matrix	Sample
Chloridazon	AQUACHECK	Groundwater	8
Chloride	AFPS	Animal feed	2
		Premix	8
	AIR	Quartz fibre filter 47mm diameter (Ambient)	14
	AQUACHECK	Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Spiking solution	10
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	QBS	Liquid test material	524
	QDCS	Whole milk powder	42
	QFCS	Bread	776
		Cake	793
Chloride (as Cl)	COSMETICS	Powder detergent	29
Chlorides (as Cl)	COSMETICS	Liquid or solid soap	28
Chlorine (Free)	AQUACHECK	Clean water	3B
Chlorite (High level)	AQUACHECK	Spiking solution	3A
Chlorite (Low level)	AQUACHECK	Spiking solution	3A
Chloroform	AQUACHECK	Groundwater	6A
		Groundwater	7B
		Synthetic effluent	18A
		Synthetic effluent	19B
	PHARMASSURE	Residual Solvents	2E
Chlorophyll a	AQUACHECK	Clean water	33
Chlorothalonil	AQUACHECK	Spiking solution	40
Chloroxuron	AQUACHECK	Groundwater	8B
Chlorpromazine	TDM	New born calf serum	PS31
Chlorpyrifos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Water Framework Directive	34C
		Spiking solutions	TRIAL
Chlortoluron	AQUACHECK	Groundwater	8B

Analyte	Scheme	Matrix	Sample
Chlortoluron	AQUACHECK	Synthetic effluent	20B
Cholesterol	QDCS	Hard cheese	37
		Soft cheese	59
	QFCS	'Ready to eat' product	772
		Mayonnaise	812
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Chorine (Total)	AQUACHECK	Clean water	3C
Chromium	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk welding fume sample	10A
		x bulk metal ore/refinery dust sample	10C
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Spiking solutions	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
	OIL	Service Engine Oil	6
	TOYTEST	EN71 - 3 Standard solution and real material	3
	PHARMASSURE	Powder material	2B

Analyte	Scheme	Matrix	Sample
Chromium (III)	TOYTEST	EN71 - 3 Standard solution and real material	3
Chromium (Total)	AQUACHECK	Clean water	5B
Chromium (Total)	TOYTEST	Paint flakes	9
Chromium (VI)	AIR	spiked NaOH treated Millipore PVDF filters 25 mm Ø	9
	AQUACHECK	Clean water	5C
		Synthetic Wastewater	12C
	CONTEST	Soil	Group A, 3A
		Standard solution	Group A, 13
		Soil	Group D, 18
	TOYTEST	EN71 - 3 Standard solution and real material	3
Chrysene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
	QFCS	Vegetable oil	805
Ciclosporin	IPT	human blood	CICTAC
cis Alpha-linolenic acid (ALA)	QFCS	Cod liver oil	806
cis Docosahexaenoic (DHA)	QFCS	Cod liver oil	806
cis Docosapentaenoic (DPA)	QFCS	Cod liver oil	806
cis Eicosapentaenoic acid (EPA)	QFCS	Cod liver oil	806
Cis-chlordane	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
Citalopram	TDM	New born calf serum	PS18
	QUARTZ	Blood	3
Citric acid	DAPS	Simulated spirit	Group B, B4
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
	QFCS	Ketchup	811
Clobazam	TDM	Human serum	CN1
Clomipramine	TDM	New born calf serum	PS03
Clonazepam	TOX	Serum	BNBZ
	TDM	Human serum	TD1
Clopyralid	AQUACHECK	Groundwater	8
		Synthetic effluent	20

Analyte	Scheme	Matrix	Sample
Clostridium perfringens (Detection)	QMS	Skimmed milk	38
Clostridium perfringens (Enumeration)	AFPS	Simulated animal feed	10
	QMAS	Lyophilised meat	738
	QMS	Skimmed milk powder	10
		Oatmeal	10
	QWAS	Potable water	413
Clostridium species (Detection)	QMS	Skimmed milk powder	10
		Oatmeal	10
Clostridium species (Enumeration)	AFPS	Simulated animal feed	10
Cloud point	OIL	#2 Diesel fuel	2
Clozapine	TDM	Human serum	PS04
Coagulase positive staphylococci (Detection)	QMS	Skimmed milk powder	36
		Skimmed milk	38
	QWAS	Mineral water	424
Coagulase positive staphylococci (Enumeration and/or Detection)	QMAS	Meat	756
Coagulase positive staphylococci (Enumeration)	QMAS	Lyophilised meat	738
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
	QMS	Skimmed milk powder	17
		Oatmeal	17
		Tea	29
		Skimmed milk powder	36
		Ready meal	41
	QWAS	Bathing, recreational and surface water	421
Cobalt	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk welding fume sample	10A
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Groundwater	5G

Analyte	Scheme	Matrix	Sample
Cobalt	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
	TOYTEST	EN71 - 3 Standard solution and real material	3
Cocaine and metabolite screen	DAH	Hair	DH01
		Hair	DH02
	DAU	Urine	1
Cocaine and metabolites	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Cocaine and metabolites screen	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
COD	AQUACHECK	Spiking solution	3
		Spiking solution	11
		Spiking solution	35
		Water	TRIAL
	CONTEST	Soil	Group D, 18
	QDCS	Potassium hydrogen phthalate	35
COD (High)	AQUACHECK	Spiking solution	29
COD (Low)	AQUACHECK	Spiking solution	29
COD (Total)	AQUACHECK	Wastewater	17A
Codeine	QUARTZ	Blood	3
Colbolt	AIR	x bulk metal ore/refinery dust sample	10C
Cold filter plugging point	OIL	#2 Diesel fuel	2
Cold water extract	MAPS	Brewers and distillers malt	1
Coliforms (Detection and or Enumeration)	PHARMASSURE	Medicinal herb	10
Coliforms (Detection)	QMS	Skimmed milk powder	18

Analyte	Scheme	Matrix	Sample
Coliforms (Detection)	QMS	Oatmeal	18
	QWAS	Potable water	425
Coliforms (Enumeration)	AFPS	Simulated animal feed	7
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	735
	QMS	Skimmed milk powder	16
		Oatmeal	16
		Skimmed milk powder	18
		Oatmeal	18
		Tea	29
		Skimmed milk powder	36
		Ready meal	41
	QWAS	Potable water	412
		Sterile water	428
Colour	AQUACHECK	Hard water	2H
		Soft water	2S
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Ciders	Group C, C1
	MAPS	Black Malt	4A
		Crystal malt	4B
	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
	QFCS	Oil or fat	778
	SUPS	Cane or beet sugar	1
		Raw sugar	7
Colour (EBC Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
Colour (IoB Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
Colour @ 430 nm	BAPS	Alcohol free/low alcohol beer	7
Colour absorbance	DAPS	Ready to drink	Group E, E1

Analyte	Scheme	Matrix	Sample
Colour at 420nm	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Colour at 430nm	BAPS	Ale (Bitter)	1B
		Lager	1L
		Ale	3
Colour at 520nm	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Colour at 530nm	BAPS	Ale	3
Colour at 620nm	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Complex cyanide	CONTEST	Soil	Group B, 3B
Conductivity	AQUACHECK	Agricultural soil	14
Conductivity (20°C)	QBS	Liquid test material	524
	AQUACHECK	Hard water	1H
		Soft water	1S
		Hard water	2H
		Soft water	2S
		Water	TRIAL
		Higher salinity potable water	1A
		Wastewater	17A
		Seawater	TRIAL
	CONTEST	Soil	Group D, 18
Coniferaldehyde	DAPS	Scotch whisky	Group B, B1
Copper	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk welding fume sample	10A
		x bulk metal ore/refinery dust sample	10C
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	4
		Groundwater	4G
		Clean water	5B
		Synthetic effluent	12

Analyte	Scheme	Matrix	Sample
Copper	BAPS	Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Seawater	TRIAL
		Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	OIL	Service Engine Oil	6
	PHARMASSURE	Powder material	2B
	QDCS	Whole milk powder	41
	QFCS	Table salt	819
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
Copper (Cu)	QFCS	Coffee	802
Copper corrosion	OIL	#2 Diesel fuel	2
Cotinine	TDM	Lyophilised human urine	NC01
Counting of colonies and calculation of number of microorganisms	QMS	Photograph and a scenario	35
Counting of colonies of microorganisms	QWAS	Water	427
Cresols	CONTEST	Soil	Group C, 3C
Cresols (Total)	CONTEST	Standard solution	Group C, 7b
Cronobacter species (Detection)	QMS	Skimmed milk powder	4
Crude ash	AFPS	Animal feed	1
		Wet Pet Food	9

Analyte	Scheme	Matrix	Sample
Crude fat	AFPS	Animal feed	1
		Wet Pet Food	9
Crude fibre	AFPS	Animal feed	1
		Wet Pet Food	9
Crude fibre, insoluble index	QFCS	Ground pepper	815
Crude protein	AFPS	Animal feed	1
		Wet Pet Food	9
CSF culture	CLS	Pellet	COM
Cyanazine	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Cyanide	AQUACHECK	Industrial wastewater	17B
Cyanide (Free)	AQUACHECK	Hard water	2H
		Soft water	2S
		Spiking solution	10
	CONTEST	Soil	Group B, 3B
		Soil	Group D, 18
Cyanide (Total)	AQUACHECK	Hard water	2H
		Soft water	2S
		Spiking solution	10
	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 6
		Soil	Group D, 18
Cyclamic acid (As free acid)	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
Cyclohexanone	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Cyfluthrin	AQUACHECK	Spiking solutions	TRIAL
Cypermethrin	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Spiking solutions	TRIAL
		Spiking solutions	TRIAL
Cyproconazole	AQUACHECK	Spiking solution	40
Cyprodinil	AQUACHECK	Spiking solution	40
Cyromazine	AQUACHECK	Groundwater	8B
Cystein & Cystine (sum of)	QDCS	Infant Formula Powder	64

Analyte	Scheme	Matrix	Sample
d13CVPDB	FIRMS	Various products (waxes, oils, plant material, chitin)	1
d13CVPDB	FIRMS	Various products (waxes, oils, plant material, chitin)	2
d15NAIR	FIRMS	Various products (waxes, oils, plant material, chitin)	1
d15NAIR	FIRMS	Various products (waxes, oils, plant material, chitin)	2
d18OVSMOW	FIRMS	Various products (waxes, oils, plant material, chitin)	1
d18OVSMOW	FIRMS	Various products (waxes, oils, plant material, chitin)	2
d2HVSMOW	FIRMS	Various products (waxes, oils, plant material, chitin)	1
d2HVSMOW	FIRMS	Various products (waxes, oils, plant material, chitin)	2
Daphnia Magna 24hr EC50	AQUACHECK	Ecotoxicology	50
Daphnia Magna 48hr EC50	AQUACHECK	Ecotoxicology	50
Degrees of crystallisation	MAPS	Crystal malt	4B
DEHP	AQUACHECK	Water Framework Directive	34J
Dehydroaripiprazole	TDM	New born calf serum	PS25
Delta Hexachlorocyclohexane	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Delta-7-stigmastenol	QFCS	Extra virgin olive oil	790
Demulsibility, emulsion	OIL	Engine oil lubricants	5
Demulsibility, oil	OIL	Engine oil lubricants	5
Demulsibility, total free water	OIL	Engine oil lubricants	5
Demulsibility, water	OIL	Engine oil lubricants	5
Density	COSMETICS	Liquid cosmetics	23
	OIL	Crude oil	4
	PHARMASSURE	Standard material	1D
Density (20°C)	DAPS	Scotch whisky	Group B, B1
		Clear distilled spirit	Group B, B3
		Ready to drink	Group E, E1
Density (15°C)	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
Deoxynivalenol (DON)	MAPS	Malt flour	3

Analyte	Scheme	Matrix	Sample
Desethylamiodarone	TDM	Human serum	CRD
Desethylatrazine	AQUACHECK	Groundwater	8B
Desipramine	TDM	New born calf serum	PS02
Desisopropylatrazine	AQUACHECK	Groundwater	8B
Dextran	SUPS	Raw sugar	7
Diacetyl	AIR	Tenax TA filled sorbent tubes (Workplace air)	21
Diastase enzymatic activity	QFCS	Honey	801
Diastatic Power (DP IoB)	MAPS	Brewers and distillers malt	1
		Malt	6
		Wheat	7
Diastatic Power (DPWK)	MAPS	Brewers and distillers malt	1
Diazepam	QUARTZ	Blood	3
	TOX	Human serum	BNZ
Diazinon	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Spiking solutions	TRIAL
Dibenz(ah)anthracene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Standard solution	Group C, 5
		Soil	Group C, 3C
Dibromoacetic acid	AQUACHECK	Spiking solution	TRIAL
Dibromochloromethane	AQUACHECK	Groundwater	6A
		Synthetic effluent	18A
Dicamba	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Dichlobenil	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Dichloroacetic acid	AQUACHECK	Spiking solution	TRIAL
Dichloromethane	AQUACHECK	Water Framework Directive	34H
	CONTEST	Standard solution	Group C, 19
		Soil	25
Dichlorprop	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Dichlorvos	AQUACHECK	Groundwater	9
		Synthetic effluent	21

Analyte	Scheme	Matrix	Sample
Dichlorvos	AQUACHECK	Spiking solutions	TRIAL
Diclofenac	AQUACHECK	Spiking solutions	TRIAL
	TDM	Human serum	AM1
Diclofol	AQUACHECK	Spiking solutions	TRIAL
Dieldrin	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Dietary fibre	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Diflufenican	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Digoxin	TDM	Human serum	TD1
Dimethoate	AQUACHECK	Groundwater	9
Dimethyl sulfide	BAPS	Lager	2L
Dimethyl sulfide precursor (DMSP)	MAPS	Brewers and distillers malt	1
Diphenylamine	AQUACHECK	Spiking solutions	TRIAL
Dipotassium hydrogen phosphate	PHARMASSURE	Standard solution	1C
Dissolution	PHARMASSURE	Dissolution testing	7A
Dissolved Organic Carbon (DOC)	AQUACHECK	Spiking solution	3
	CONTEST	Soil	Group E, 21
		Solid waste leachate	24
Dissolved Oxygen	DAPS	Ready to drink	Group E, E1
Dissolved/Total organic carbon	AQUACHECK	Spiking solution	11
Distillable phenolic substances	CONTEST	Soil	Group C, 3C
Distillation	OIL	#2 Diesel fuel	2
Diuron	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
		Water Framework Directive	34B
DL-α-Tocopherol (Vitamin E)	QBS	Soft drink	521
DMSP EBC Wort (Dimethyl Sulphide Precursor)	MAPS	Brewers and distillers malt	1
Dodecane	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Dosulepin (Dothiepin)	TDM	New born calf serum	PS19
Doxepin	TDM	New born calf serum	PS05

Analyte	Scheme	Matrix	Sample
DPWK (Diastatic power)	MAPS	Malt	6
		Wheat	7
Drained weight	QFCS	Canned fruit	814
Drug identification	QUARTZ	Blood	7
		Urine	8
		Urine	9
Dry matter	CONTEST	Soil	Group B, 3B
Dry Matter Content Ratio	CONTEST	Soil	Group E, 21
Dry residue (180˚)	QBS	Liquid test material	524
Dry substance	SUPS	Molasses	5
Duloxetine	TDM	New born calf serum	PS27
Dynamic Viscosity (20˚C)	PHARMASSURE	Sample format will depend upon test type	6C
Ear/Eye culture	CLS	Pellet	COM
Easily liberated sulfide	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 12
EBC Extract difference (0.2 - 1.0)	MAPS	Brewers and distillers malt	1
EBC Fermentability (Boiled)	MAPS	Brewers and distillers malt	1
		Wheat	7
EBC Fraction IV (<2.2mm + damaged corns from all other sieves)	MAPS	Brewers and distillers malt	1
		Barley	2
EBC Reject Fraction (EBC Fraction IV plus foreign matter)	MAPS	Brewers and distillers malt	1
		Brewers and distillers malt	1
		Barley	2
EDDP	TDM	Human serum	SA02
EDDP Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Egg white protein	QFCS	Cake Mix	799
Electrical conductivity	QFCS	Honey	801
Elemental carbon	AIR	Quartz fibre filter 47mm diameter (Ambient)	16
Elemental sulfur	CONTEST	Soil	Group C, 3C
Ellagic Acid	DAPS	Scotch whisky	Group B, B1

Analyte	Scheme	Matrix	Sample
EN71-1	TOYTEST	EN71-1 Toy product for paper exercise	1
Endosulphan	AQUACHECK	Water Framework Directive	34E
Endrin	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Energy	QFCS	Cereal	770
		'Ready to eat' product	772
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Ground pasta	816
		Jam or marmalade	817
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Energy Value (kcal)	BAPS	Lager	2L
Energy Value (kJ)	BAPS	Lager	2L
Enterobacteriaceae (Detection)	QMS	Skimmed milk powder	18
		Oatmeal	18
Enterobacteriaceae (Enumeration)	AFPS	Simulated animal feed	7
	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	735
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
		Meat	756
	QMS	Skimmed milk powder	16
		Oatmeal	16
		Skimmed milk powder	18

Analyte	Scheme	Matrix	Sample
Enterobacteriaceae (Enumeration)	QMS	Oatmeal	18
		Skimmed milk powder	36
Enterococci (Enumeration)	QCS	Cocoa powder	713
		Chocolate	717
	QMS	Skimmed milk powder	9
		Oatmeal	9
	QWAS	Potable water	412
		Bathing, surface and wastewater	419
		Mineral water	420
		Sea water	422
Enterococci (faecal streptococci) (Detection)	QWAS	Potable water	425
Epoxyconazole	AQUACHECK	Spiking solution	40
Erectile dysfunction drugs	QUARTZ	Blood	1
		Blood and case study	2
Erythrodiol & Uvaol	QFCS	Olive oil	791
Escherichia coli (Detection and or Enumeration)	PHARMASSURE	Lyophilised test material	4A
Escherichia coli (Detection)	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QMS	Skimmed milk powder	18
		Oatmeal	18
	QWAS	Potable water	425
Escherichia coli (Enumeration)	AFPS	Simulated animal feed	7
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
	QMAS	Lyophilised meat	735
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
		Meat	756
	QMS	Skimmed milk powder	16
		Oatmeal	16
		Skimmed milk powder	18

Analyte	Scheme	Matrix	Sample
Escherichia coli (Enumeration)	QMS	Oatmeal	18
		Skimmed milk powder	20
		Oatmeal	20
		Skimmed milk powder	36
	QWAS	Potable water	412
		Effluent sludge	416
		Bathing, surface and wastewater	419
		Mineral water	420
		Sea water	422
Escherichia coli O157 (Detection)	AFPS	Simulated animal feed	12
	QBS	Fruit juice	507
	QMAS	Lyophilised meat	744
		Meat	757
	QMS	Skimmed milk powder	37
Escherichia coli O157 (non toxigenic strain) (Detection)	QMS	Skimmed milk powder	22
Escherichia coli O157 (non toxigenic strain) (Detection)	QMS	Oatmeal	22
Escitalopram	TDM	New born calf serum	PS28
Ethanol	PHARMASSURE	Residual Solvents	2E
	TOX	Blood	TAK
		Human blood	BLD
		Human serum	SM
		Urine	URN
		Serum	TAS
Ethosuximide	TDM	Human serum	TD1
Ethyl acetate	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
Ethyl benzene	AIR	Charcoal filled glass sorbent tubes (Work-place air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Ambient)	12
		Carbopack X filled sorbent tubes	12A

Analyte	Scheme	Matrix	Sample
Ethyl benzene	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
	CONTEST	Standard solution	Group C, 15
		Soil	22
Ethyl carbamate	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
Ethyl Decanoate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethyl Dodecanoate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethyl esters	QFCS	Extra virgin olive oil	790
Ethyl glucuronide	DAU	Urine	1
		Urine	2
		Urine	3
Ethyl Hexadecanoate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethyl hexanoate	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethyl Linoleate (C18:2)	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Linolenate(C18:3)	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Octadecanoate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Octanoate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethyl Oleate (C18:1)	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Sulfate	DAU	Urine	1
		Urine	2
		Urine	3
Ethyl Tetradecanoate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethyl-9-Hexadecenoate	DAPS	Scotch whisky	Group B, B1
		Non chill filtered whisky	Group B, B5
Ethylene glycol	TOX	Blood	TAK

Analyte	Scheme	Matrix	Sample
Ethylene glycol	TOX	Serum	TAS
Evaporating loss (Noack)	OIL	Engine oil lubricants	5
Everolimus	IPT	Human blood	EVE
Extract 0.2mm	MAPS	Brewers and distillers malt	1
		Wheat	7
Extract 1.0mm	MAPS	Brewers and distillers malt	1
Extractable phosphorus	AQUACHECK	Agricultural soil	14
Extraction of magnesium	AQUACHECK	Agricultural soil	14
Extraction of potassium	AQUACHECK	Agricultural soil	14
Extraction of sodium	AQUACHECK	Agricultural soil	14
Faecal coliforms (Enumeration)	QWAS	Bathing, surface and wastewater	419
		Sea water	422
FAN	BAPS	Lager	2L
FAN (EBC Wort) (Free Alpha Amino Nitrogen)	MAPS	Wheat	7
FAN (IoB Wort) (Free Alpha Amino Nitrogen)	MAPS	Malt	6
		Wheat	7
Fat	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Skimmed milk	27
		Hard cheese	37
		Whey powder	38B
		Whipping cream	39
		Semi skimmed milk	40
		Whole protein concentrate	43
		Skimmed milk powder	51
		Whole milk powder	52
		Single cream	53
		Double cream	54
		Whole milk	55
		Yogurt	58
		Soft cheese	59
		Cheese Powder	63
	QFCS	Cereal	770
		Cake	793

Analyte	Scheme	Matrix	Sample
Fat	QFCS	Ketchup	811
		Mayonnaise	812
		Mustard	813
		Ground pasta	816
		Jam or marmalade	817
		'Ready to eat' product	772
		Flour	775
		Bread	776
	QMAS	Fish	734
Fat (Total)	QMAS	Meat	733
Felbamate	TDM	Human serum	AE2
Fenitrothion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Spiking solutions	TRIAL
Fenpropimorph	AQUACHECK	Spiking solution	40
Fenthion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Fermentability (Unboiled 0.2mm)	MAPS	Brewers and distillers malt	1
Fermentable sugars	SUPS	Molasses	5
Final gravity	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Fish species identification	QMAS	Fish	752
Fixed Acidity	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
Flame Spectroscopy	PHARMASSURE	Sample format will depend upon test type	6H
Flash point	OIL	#2 Diesel fuel	2
Flash point (Closed cup)	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Flash point (Open cup)	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Flecainide	TDM	Human serum	CRD
Florasulam	AQUACHECK	Groundwater	8B
Flufenacet	AQUACHECK	Groundwater	8
Flumethrin	AQUACHECK	Spiking solutions	TRIAL

Analyte	Scheme	Matrix	Sample
Fluoranthene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34F
		Spiking solutions	TRIAL
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Fluorene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Fluoride	AQUACHECK	Hard water	1H
		Soft water	1S
		Sewage sludge	13
		Agricultural soil	14
		Spiking solutions	TRIAL
	CONTEST	Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Mouthwash sample	24
Fluoride (Quantification)	QUARTZ	Blood	4
Fluoride (Total)	CONTEST	Standard solution	Group B, 17
Fluoride;	COSMETICS	Toothpaste sample	25
Fluoxetine	AQUACHECK	Spiking solutions	TRIAL
	TDM	New born calf serum	PS06
Fluphenazine	TDM	New born calf serum	PS07
Fluroxypyr	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Flusilazole	AQUACHECK	Spiking solution	40
Flutriafol	AQUACHECK	Spiking solution	40
Fluvoxamine	TDM	New born calf serum	PS22
Flux testing	TOYTEST	Magnets	14
Foam stability (HRV)	BAPS	Lager	2L
Formaldehyde	AQUACHECK	Spiking solution	28
Formaldehyde2,4-DNPH	AIR	Glass fibre filter 25mm diameter (Workplace air)	8
Formol number	QFCS	Ketchup	811

Analyte	Scheme	Matrix	Sample
Free 2,3-Pentanedione	BAPS	Lager	2L
		Ale	3
Free acidity	QFCS	Honey	801
Free alpha amino ntrogen (FAN)	MAPS	Brewers and distillers malt	1
Free alpha amino ntrogen (FAN) (Iob Wort)	MAPS	Brewers and distillers malt	1
Free caustic alkali (as NaOH)	COSMETICS	Liquid or solid soap	28
Free diacetyl	BAPS	Lager	2L
		Ale	3
Free dimethyl sulfide (DMS)	MAPS	Brewers and distillers malt	1
Free fatty acids (Acidity)	QFCS	Oil or fat	778
		Extra virgin olive oil	790
		Olive oil	791
		Frying oil	796
Free fatty acids (as oleic acid)	COSMETICS	Liquid or solid soap	28
Freezing point	QDCS	Milk	56
Freshwater algae growth inhibition test – biomass reduction	AQUACHECK	Ecotoxicology	50
Friability	MAPS	Brewers and distillers malt	1
Fructose	QFCS	Canned fruit	814
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517B
	QFCS	Honey	801
		Jam or marmalade	817
FTIR, Fuel Dilution	OIL	Service Engine Oil	6
FTIR, Glycol	OIL	Service Engine Oil	6
FTIR, Nitration (Procedure A)	OIL	Service Engine Oil	6
FTIR, Nitration (Procedure B)	OIL	Service Engine Oil	6
FTIR, Oxidation (Procedure A)	OIL	Service Engine Oil	6

Analyte	Scheme	Matrix	Sample
FTIR, Oxidation (Procedure B)	OIL	Service Engine Oil	6
FTIR, Phosphate (Procedure A)	OIL	Service Engine Oil	6
FTIR, Phosphate (Procedure B)	OIL	Service Engine Oil	6
FTIR, Sulfation (Procedure A)	OIL	Service Engine Oil	6
FTIR, Sulfation (Procedure B)	OIL	Service Engine Oil	6
FTIR, Water	OIL	Service Engine Oil	6
Fuel Dilution	OIL	Service Engine Oil	6
Furfural	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Gabapentin	TDM	Human serum	AE1
Gallic acid	DAPS	Scotch whisky	Group B, B1
Gammahydroxybutyrate (GHB)	DAU	Urine	1
		Urine	2
		Urine	3
	TOX	Urine	GHB
GC	PHARMASSURE	Sample format will depend upon test type	6A
Gelation index	OIL	Engine oil lubricants	5
Gelation Index Temp	OIL	Engine oil lubricants	5
Gentamicin	TDM	Human serum	AT01
Geosmin	AQUACHECK	Spiking solution	39
Germinative capacity	MAPS	Barley	2
Germinative energy	MAPS	Barley	2
Glassy (Whole) corns	MAPS	Brewers and distillers malt	1
Glucose	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QFCS	Honey	801
		Canned fruit	814

Analyte	Scheme	Matrix	Sample
Glucose	QFCS	Jam or marmalade	817
	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517B
Glutamic acid	QDCS	Infant Formula Powder	64
Gluten	BAPS	Gluten free beer	8
	QFCS	Flour	781
Glycerol	DAPS	Simulated spirit	Group B, B4
Glycine	QDCS	Infant Formula Powder	64
Glycol	OIL	Service Engine Oil	6
Glycosidic nitrile	MAPS	Brewers and distillers malt	1
		Malt	6
Glyphosate	AQUACHECK	Synthetic effluent	20
	QFCS	Barley flour	807
Gram Stain Interpretation	CLS	Slides	VGS
Gross Alpha as 230 Thornium	AQUACHECK	Clean water	30
Gross alpha as 239Plutonium	AQUACHECK	Clean water	30
Gross alpha as 241Americium	AQUACHECK	Clean water	30
Gross beta as 137Caesium	AQUACHECK	Clean water	30
Gross beta as 40Potassium	AQUACHECK	Clean water	30
Gross beta as 90Strontium	AQUACHECK	Clean water	30
Group A Strep	CLS	Swab	SPY
Group B Strep	CLS	Swab	GBS
Group B Strep culture	CLS	Pellet	COM
Group C/G Strep	CLS	Swab	SPY
Guaiacol producing thermophilic acidophilic bacteria (Detection)	QBS	Lyophilised test material	506
	SUPS	Lyophilised test material	8
Halocarbon	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Haloperidol	TDM	New born calf serum	PS14
Hartong VZ45	MAPS	Brewers and distillers malt	1
Haze	DAPS	Ciders	Group C, C1
Haze at 0°C	BAPS	Ale (Bitter)	1B
		Lager	1L
Haze at 20°C	BAPS	Ale (Bitter)	1B
		Lager	1L

Analyte	Scheme	Matrix	Sample
Heat content	OIL	#2 Diesel fuel	2
Hectolitre weight	MAPS	Barley	2
Heptachlor	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Heptachlor epoxide	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Hexachloro-1,3-butadiene	CONTEST	Standard solution	Group C, 19
		Soil	25
Hexachlorobenzene	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Water Framework Directive	34E
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Hexachlorobutadiene	AQUACHECK	Groundwater	7B
		Synthetic effluent	19B
		Water Framework Directive	34E
		Spiking solutions	TRIAL
Hexachlorocyclohexane	AQUACHECK	Water Framework Directive	34E
Hexane	PHARMASSURE	Residual Solvents	2E
High temperature simulated distillation (HTSD)	OIL	Crude oil	4
High temperature stability	OIL	#2 Diesel fuel	2
Highly heat resistant thermophilic aerobic spores (Enumeration)	QMS	Skimmed milk powder	11
		Oatmeal	11
Histamine	QMAS	Fish	748
Histidine	QDCS	Infant Formula Powder	64
HMX (Octogen)	AQUACHECK	Spiking solutions	TRIAL
Homogeneity	MAPS	Brewers and distillers malt	1
HO-risperidone	TDM	New born calf serum	PS10
HPV	CLS	Preservative solution	HPV
HPV genotyping	CLS	Preservative solution	HPV
HTHS viscosity @ 150oC	OIL	Engine oil lubricants	5

Analyte	Scheme	Matrix	Sample
Hydrocarbon type (Aromatics)	OIL	#2 Diesel fuel	2
Hydrocarbon Type (Olefins)	OIL	#2 Diesel fuel	2
Hydrocarbon Type (Saturates)	OIL	#2 Diesel fuel	2
Hydrogen	OIL	#2 Diesel fuel	2
Hydrogen chloride	AIR	Impinger solution (Stack emissions)	36
Hydrogen fluoride	AIR	Impinger solution (Stack emissions)	35
Hydroquinone	COSMETICS	Cream	22
Hydroxymethylfurfural (HMF)	QFCS	Honey	801
Hydroxyproline	QMAS	Meat	733
Hypnotic drugs	QUARTZ	Blood	1
		Blood and case study	2
Ibuprofen	AQUACHECK	Spiking solutions	TRIAL
	TDM	Human serum	AM1
Identification of foreign body	QFCS	Food Products	818
Identification of Listeria species	QMAS	Lyophilised meat	737
		Meat	757
	QMS	Skimmed milk powder	37
Identification of microorganism	PHARMASSURE	Lyophilised test material	3
		Lyophilised test material	5
Identification of serovar (O26;O45;O103;O111;O121;O145:O157)	STEC	Milk Powder	D
		Powdered beef	M
Identification of unknown organism	QMS	Freeze-dried material	33
	QWAS	Water	426
Identity of organism	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Imipramine	TDM	New born calf serum	PS02
Indeno(1,2,3-cd)pyrene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
	AQUACHECK	Water Framework Directive	34F
Influenza A Antigen	CLS	Liquid	VIR
Influenza B Antigen	CLS	Liquid	VIR
inorganic arsenic	QFCS	Brown rice	789

Analyte	Scheme	Matrix	Sample
Insolubility index	QDCS	Whole protein concentrate	43
	QDCS	Skimmed milk powder	51
	QDCS	Whole milk powder	52
Insoluble	OIL	Service Engine Oil	6
Insoluble Impurities	QFCS	Extra virgin olive oil	790
IoB Extract 0.2mm	MAPS	Brewers and distillers malt	1
IoB Extract 0.7mm	MAPS	Brewers and distillers malt	1
		Wheat	7
IoB Extract difference (0.2 - 0.7)	MAPS	Brewers and distillers malt	1
IoB Fermentability (Unboiled 0.7mm)	MAPS	Brewers and distillers malt	1
IoB Soluble extract 0.2mm	MAPS	Brewers and distillers malt	1
IoB Soluble extract 0.7mm	MAPS	Brewers and distillers malt	1
		Malt	6
IoB Soluble extract 1.0mm	MAPS	Brewers and distillers malt	1
IoB Soluble extract difference (0.2 - 0.7mm)	MAPS	Brewers and distillers malt	1
IoB Soluble extract difference (0.2 - 1.0mm)	MAPS	Brewers and distillers malt	1
Iodide	AQUACHECK	Spiking solutions	TRIAL
	QFCS	Table salt	819
Iodine value	QFCS	Oil or fat	778
Iodosulfuron methyl	AQUACHECK	Groundwater	8B
Ioxynil	AQUACHECK	Groundwater	8
		Synthetic effluent	20
IR/FTIR	PHARMASSURE	Sample format will depend upon test type	6E
Iron	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk welding fume sample	10A
		x bulk metal ore/refinery dust sample	10C
	AQUACHECK	Natural water	4
		Groundwater	4G
		Synthetic effluent	12
		Sewage sludge	13

Analyte	Scheme	Matrix	Sample
Iron	AQUACHECK	Agricultural soil	14
		Industrial wastewater	17C
		Spiking solutions	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	OIL	Crude oil	4
		Service Engine Oil	6
	QBS	Fruit juice	518
		Soft drink	519
	QDCS	Whole milk powder	42
	QFCS	Cereal	771
		Flour	775
		Bread	776
	QMAS	Precooked, raw or processed meat	731
	SUPS	Cane or beet sugar	2
Iso-amyl acetate	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
Iso-apha-acids	BAPS	Lager	2L
		Ale	3
Iso-butanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3

Analyte	Scheme	Matrix	Sample
Iso-butanol	DAPS	Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Isoleucine	QDCS	Infant Formula Powder	64
Iso-propyl alcohol (IPA)	TOX	Blood	TAK
		Serum	TAS
Isoproturon	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
		Water Framework Directive	34B
K232	QFCS	Extra virgin olive oil	790
K270	QFCS	Extra virgin olive oil	790
		Olive oil	791
Ketamine	DAH	Hair	DH01
Kinematic viscosity - calculated from dynamic viscosity (20˚C)	PHARMASSURE	Sample format will depend upon test type	6C
Kinematic viscosity - measured (20˚C)	PHARMASSURE	Sample format will depend upon test type	6C
Kinetic energy testing (EN71-1 & ASTM F963)	TOYTEST	Toy product	12
Kjeldahl nitrogen	AQUACHECK	Hard water	1H
		Soft water	1S
		Spiking solution	10
Kolbach index	MAPS	Brewers and distillers malt	1
		Wheat	7
Kresoxym-methyl	AQUACHECK	Spiking solution	40
Lacosamide	TDM	Human serum	AE2
Lactic acid	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Lactic acid bacteria (Enumeration)	BAPS	Lyophilised test material	4H
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	24
		Oatmeal	24
Lactic acid bacteria count	BAPS	Lyophilised test material	4L
Lactobacillus species (Enumeration)	QMS	Lyophilised test material	27
Lactose	AIR	Glass fibre filter 25mm diameter (Workplace air)	15

Analyte	Scheme	Matrix	Sample
Lactose	QDCS	Milk	28
		Hard cheese	37
		Whey powder	38B
		Whole protein concentrate	43
		Soft cheese	59
	QFCS	Food product	820
Lamotrigine	TDM	Human serum	TD1
Lead	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk lead-containing dust sample	10B
		x bulk metal ore/refinery dust sample	10C
		Quartz fibre filter 47mm diameter (Ambient)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Clean water	5B
		Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Water Framework Directive	34A
		Spiking solutions	TRIAL
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21

Analyte	Scheme	Matrix	Sample
Lead	OIL	Service Engine Oil	6
	PHARMASSURE	Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	QCS	Cocoa powder	718
	QFCS	Dried tea	780
		Cereal	784
		Edible Oil	785
		Dried Fruit	786
		Brown rice	789
		lyophilised mushrooms	795
		Table salt	819
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
Lead (Total)	TOYTEST	Paint flakes	9
Legionella pneumophila (Detection)	QWAS	Environmental water	417
Legionella pneumophila (Identification)	QWAS	Environmental water	417
Legionella pneumophila Antigen	CLS	Liquid	LG
Legionella pneumophila count by culture (Enumeration)	QWAS	Environmental water	417
Legionella pneumophila count by PCR (Enumeration)	QWAS	Environmental water	417
Legionella species - low levels (Detection)	QWAS	Potable water	423
Legionella species (Detection)	QWAS	Environmental water	418
Legionella species (Identification)	QWAS	Environmental water	418
Legionella species by culture (Enumeration)	QWAS	Environmental water	418
		Potable water	423
Legionella species by PCR (Enumeration)	QWAS	Environmental water	418
Leucine	QDCS	Infant Formula Powder	64
Leukocytes	CLS	Slides	VGS
Level of ATP	HYGIENE	12.5cm x 8.5cm plastic rectangle	5

Analyte	Scheme	Matrix	Sample
Levetiracetam	TDM	Human serum	AE1
Limonene	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Linalool (gin only)	DAPS	Clear distilled spirit	Group B, B3
Lindane (Gamma HCH)	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Linoleic acid 18:2 (cis & trans)	QFCS	Extra virgin olive oil	790
Linoleic acid 18:2 (trans)	QFCS	Olive oil	791
Linoleic acid 18:3 (cis & trans)	QFCS	Extra virgin olive oil	790
Linolenic acid 18:3 (trans)	QFCS	Olive oil	791
Linuron	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Listeria monocytogenes (Detection)	AFPS	Simulated animal feed	11
	HYGIENE	12.5cm x 8.5cm plastic rectangle	2
	QBS	Fruit juice	507
	QMAS	Lyophilised meat	737
		Meat	757
	QMS	Skimmed milk powder	7
		Oatmeal	7
		Skimmed milk powder	37
Listeria monocytogenes (Enumeration)	QMAS	Meat	759
	QMS	Skimmed milk powder	8
		Oatmeal	8
Listeria species (Detection)	AFPS	Simulated animal feed	11
	HYGIENE	12.5cm x 8.5cm plastic rectangle	2
	QMAS	Lyophilised meat	737
		Meat	757
	QMS	Skimmed milk powder	7
		Oatmeal	7
		Skimmed milk powder	37
Listeria species (Enumeration)	QMAS	Meat	759
	QMS	Skimmed milk powder	8
		Oatmeal	8
Lithium	AQUACHECK	Natural water	4

Analyte	Scheme	Matrix	Sample
Lithium	TDM	Groundwater	4G
		Seawater	TRIAL
		Human serum	TD1
Lorazepam	TOX	Serum	BNBZ
Loss on drying (LOD)	PHARMASSURE	Sample format will depend upon test type	6D
Loss on ignition	AQUACHECK	Agricultural soil	14
	CONTEST	Soil	Group B, 3B
Loss on ignition (500±5oC)	AQUACHECK	Sewage sludge	16
Loss on Ignition at 440oC	CONTEST	Soil	27
Low level conductivity	PHARMASSURE	Sample format will depend upon test type	8A
Low level enumeration	PHARMASSURE	Lyophilised test material	3
LSD and Metabolite Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Lubricity (HFRR) wear scar diameter at 25 oC	OIL	#2 Diesel fuel	2
Luminescent bacteria IC50 tests (15 minutes)	AQUACHECK	Ecotoxicology	50
Lysine	QDCS	Infant Formula Powder	64
m + p-Xylene	AQUACHECK	Synthetic effluent	18C
m + p-Xylenes	AQUACHECK	Groundwater	6C
	CONTEST	Standard solution	Group C, 15
		Soil	22
Magnesium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Sewage sludge	16
		Spiking solutions	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18

Analyte	Scheme	Matrix	Sample
Magnesium	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Soft drink	519
		Liquid test material	524
	QDCS	Whole milk powder	42
	QFCS	Cereal	770
		Table salt	819
	PHARMASSURE	Standard solution	1C
Magnesium (Mg)	QFCS	Coffee	802
	QMAS	Precooked, raw or processed meat	731
Malathion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Spiking solutions	TRIAL
Malic acid	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Malt mod homogeneity	MAPS	Brewers and distillers malt	1
Malt modification	MAPS	Brewers and distillers malt	1
Maltose	BAPS	Lager	2L
	DAPS	Simulated spirit	Group B, B4
Maltotriose	BAPS	Lager	2L
Manganese	AFPS	Animal feed	2
		Premix	8
	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk welding fume sample	10A
		x bulk metal ore/refinery dust sample	10C
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on Quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	4
		Groundwater	4G
		Synthetic effluent	12

Analyte	Scheme	Matrix	Sample
Manganese	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Spiking solutions	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
	OIL	Service Engine Oil	6
	QDCS	Whole milk powder	42
	TOYTEST	EN71 - 3 Standard solution and real material	3
Maprotiline	TDM	New born calf serum	PS12
Mass of solids	AIR	Dust on glass fibre filter 25mm diameter (Workplace air)	3
		Dust on glass fibre filter 37mm diameter (Workplace air)	4
		Quartz fibre filter 47mm diameter (Ambient)	17
		Dust on glass fibre filter 47mm diameter (Stack emissions)	40
Matter insoluble in ethanol	COSMETICS	Liquid or solid soap	28
MCPA	AQUACHECK	Groundwater	8
		Synthetic effluent	20
MCPB	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Measurement testing (EN71-1 & ASTM F963)	TOYTEST	Various	11
Mechanical and physical properties	TOYTEST	ASTM F963 Toy product for paper exercise	7
Mecoprop	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Melting point	PHARMASSURE	Standard material	1F
Mercury	AFPS	Animal feed	2
		Premix	8
	AIR	Impinger solution (Stack emissions)	31
		Impinger solution (Stack emissions)	32
	AQUACHECK	Natural water	5
		Clean water	5B

Analyte	Scheme	Matrix	Sample
Mercury	AQUACHECK	Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Water Framework Directive	34A
		Spiking solutions	TRIAL
	CONTEST	Standard solution	Group A, 1c
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
		Mouthwash sample	24
	PHARMASSURE	Powder material	2B
	QFCS	Dried tea	780
		Cereal	784
		Edible Oil	785
		Dried Fruit	786
		Table salt	819
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
	COSMETICS	Toothpaste sample	25
Mesophilic aerobic spores (Enumeration)	QMS	Oatmeal	11
Mesophilic aerobic spores count	QMS	Skimmed milk powder	11
Mesophilic anaerobic spores (Enumeration)	QMS	Skimmed milk powder	15
		Oatmeal	15
Mesosulfuron methyl	AQUACHECK	Groundwater	8B

Analyte	Scheme	Matrix	Sample
Metaldehyde	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Metamitron	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Metazachlor	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Methabenzthiazuron	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Methadone	QUARTZ	Blood	3
	TDM	Human serum	SA02
Methadone and Metabolite Screen	DAU	Urine	2
		Urine	3
Methadone EDDP	DAH	Hair	DH01
Methadone Screen	DAU	Urine	1
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Methanethiol	BAPS	Lager	2L
Methanol	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
	PHARMASSURE	Residual Solvents	2E
	TOX	Blood	TAK
		Serum	TAS
Methaqualone Screen	DAU	Urine	1
		Urine	2
		Urine	3
Methiocarb	AQUACHECK	Groundwater	8B
Methionine	QDCS	Infant Formula Powder	64
Methotrexate	TDM	Human serum	TD1
Methoxychlor	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
Methyl isoborneol	AQUACHECK	Spiking solution	39
Methyl isobutyl ketone (MIBK)	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21

Analyte	Scheme	Matrix	Sample
Methylene blue active substances (MBAS)	AQUACHECK	Spiking solution	3
		Spiking solution	11
Methylparaben	COSMETICS	Cream sample	27
Methylphenidate	TDM	Lyophilised human serum	PST1
Metoxuron	AQUACHECK	Groundwater	8B
Metribuzin	AQUACHECK	Groundwater	8B
Metsulfuron methyl	AQUACHECK	Groundwater	8B
Mevinphos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Mianserin	TDM	New born calf serum	PS32
Micro carbon residue	OIL	Crude oil	4
Microcystin-LR	AQUACHECK	Spiking solution	41
Microcystin-RR	AQUACHECK	Spiking solution	41
Microcystin-YR	AQUACHECK	Spiking solution	41
Midazolam	TOX	Serum	BNBZ
Minor tranquillizers	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Mirtazapine	TDM	New born calf serum	PS11
Moisture	AFPS	Animal feed	1
		Wet Pet Food	9
	MAPS	Brewers and distillers malt	1
		Barley	2
		Black malt	4A
		Crystal malt	4B
		Malt	6
		Wheat	7
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Butter	36
		Hard cheese	37
		Skimmed milk powder	38A

Analyte	Scheme	Matrix	Sample
Moisture	QDCS	Whey powder	38B
		Whole protein concentrate	43
		Whole milk powder	52
		Soft cheese	59
		Cheese Powder	63
	QFCS	Cereal	770
		'Ready to eat' product	772
		Flour	775
		Bread	776
		Cake	793
		Honey	801
		Ground pepper	815
		Ground pasta	816
		Jam or marmalade	817
		Table salt	819
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	734
	SUPS	Raw sugar	7
		Cane or beet sugar	10
Moisture and volatile matter	COSMETICS	Liquid or solid soap	28
		Powder detergent	29
Moisture and Volatile Matter at 103°C	QFCS	Extra virgin olive oil	790
Moisture by Karl Fischer	PHARMASSURE	Sample format will depend upon test type	6F
Molybdenum	AQUACHECK	Natural water	5
		Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18

Analyte	Scheme	Matrix	Sample
Molybdenum	CONTEST	Soil	Group E, 21
		Solid waste leachate	24
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Monobromacetic acid	AQUACHECK	Spiking solution	TRIAL
Monochloroacetic acid	AQUACHECK	Spiking solution	TRIAL
Monohydric phenols (By distillation)	CONTEST	Standard solution	Group C, 7a
Monolinuron	AQUACHECK	Groundwater	8B
Monounsaturated fatty acids	QFCS	Cod liver oil	806
Mono-unsaturates	QFCS	'Ready to eat' product	772
		Mixed Fat Spread	782
		Grated cheese	800
	QMAS	Meat	733
Monuron	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Morphine	QUARTZ	Blood	3
Mould (Enumeration)	AFPS	Simulated animal feed	7
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
		12.5cm x 8.5cm plastic rectangle	6
	PHARMASSURE	Lyophilised test material	4B
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	746
		Meat	756
	QMS	Skimmed milk powder	23
		Oatmeal	23
		Skimmed milk powder	36
	QWAS	Process water	414
	SUPS	Lyophilised test material	6
MTBE (methyl tert-butyl-ether)	AQUACHECK	Groundwater	6C
m-Xylene	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C

Analyte	Scheme	Matrix	Sample
Mycobacteriology culture ID	CLS	Liquid	MTB
Mycobacterium tuberculosis complex	CLS	Liquid	MTM
Mycology culture ID	CLS	Swab	MY
Mycophenolic acid	IPT	human plasma	MPA
Mycoplasma pneumoniae	CLS	Liquid	MPM
N. gonorrhoeae culture	CLS	Pellet	COM
Naphthalene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
		Water Framework Directive	34J
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Napropamide	AQUACHECK	Groundwater	8
n-Butanol	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
n-Butyl acetate	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
Neisseria gonorrhoeae	CLS	Liquid	CGC
Neutral detergent fibre (NDF)	AFPS	Animal feed	1
New psychoactive substances	QUARTZ	Blood	6
n-Hexane	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
		Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Nickel	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		bulk welding fume sample	10A
		x bulk metal ore/refinery dust sample	10C
		Quartz fibre filter 47mm diameter (Ambient)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Clean water	5B
		Groundwater	5G
		Synthetic effluent	12

Analyte	Scheme	Matrix	Sample
Nickel	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Water Framework Directive	34A
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
	OIL	Crude oil	4
		Service Engine Oil	6
	TOYTEST	EN71 - 3 Standard solution and real material	3
Nickel release	NiMS	Alloy disks, jewellery or other appropriate articles	1A
		Alloy disks, jewellery or other appropriate articles	1B
		Alloy disks, jewellery or other appropriate articles	1C
Nicotine	TDM	Lyophilised human urine	NC01
Nitrate	AIR	Quartz fibre filter 47mm diameter (Ambient)	14
	AQUACHECK	Hard water	2H
		Soft water	2S
		Spiking solution	10
		Water	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	QFCS	Vegetable Leaves	787
		Infant vegetable food	798
	QMAS	Lyophilised meat	732
Nitrazepam	TOX	Human serum	BNZ

Analyte	Scheme	Matrix	Sample
Nitrite	AQUACHECK	Hard water	2H
		Soft water	2S
		Spiking solution	10
		Water	TRIAL
	QMAS	Lyophilised meat	732
Nitrobenzene	AQUACHECK	Spiking solutions	TRIAL
Nitrogen	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
Nitrogen (Total)	AQUACHECK	Spiking solution	10
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17D
	MAPS	Brewers and distillers malt	1
		Barley	2
	OIL	Crude oil	4
	QCS	Chocolate	715
Nitrogen oxides (determined as NO2)	AIR	variable volume 4% m/m potassium permanganate/2% m/m sodium hydroxide impinger solution	41
Nitrosodimethylamine (NDMA)	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
	MAPS	Brewers and distillers malt	1
		Malt Flour	5
NO2 as nitrite	AIR	Palmes-type diffusion tubes (Ambient)	11
Non filterable COD	AQUACHECK	Wastewater	17A
Non steroidal anti-Inflammatory analgesic drugs	QUARTZ	Blood	1
		Blood and case study	2
Non-ionic surfactants	AQUACHECK	Spiking solution	3
		Spiking solution	11
Non-opiate narcotics	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1

Analyte	Scheme	Matrix	Sample
Non-opiate narcotics	DOF	Oral fluid	OF2
		Oral fluid	OF3
Norbuprenorphine	TDM	Human serum	SA01
Norchlorpromazine	TDM	New born calf serum	PS31
Norcitalopram	TDM	New born calf serum	PS18
Norclobazam	TDM	Human serum	CN1
Norclomipramine	TDM	New born calf serum	PS03
Norclozapine	TDM	Human serum	PS04
Nordazepam	TOX	Human serum	BNZ
Nordoxepin	TDM	New born calf serum	PS05
Norfluoxetine	TDM	New born calf serum	PS06
Normaprotiline	TDM	New born calf serum	PS12
Normirtazapine	TDM	New born calf serum	PS11
Norquetiapine	TDM	New born calf serum	PS17
Norsertraline	TDM	New born calf serum	PS08
Northiaden	TDM	New born calf serum	PS19
Nortrimipramine	TDM	New born calf serum	PS09
Nortriptyline	TDM	New born calf serum	PS01
Norvenlafaxine	TDM	New born calf serum	PS20
n-Propanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
Nugent Score	CLS	Slides	GSV
o,p'-DDD (TDE)	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
o,p'-DDE	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
o,p-DDT	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Ochratoxin	AFPS	Animal feed	5
Ochratoxin A	MAPS	Malt flour	3

Analyte	Scheme	Matrix	Sample
Ochratoxin A	QFCS	Dried fruit	804
Ofloxacin	AQUACHECK	Spiking solutions	TRIAL
OH-oxcarbazepine	TDM	Human serum	AE1
Olanzapine	TDM	Human serum	PS15
Oleic acid 18.1 (cis & trans)	QFCS	Extra virgin olive oil	790
		Olive oil	791
Oleic acid 18:1 (trans)	QFCS	Olive oil	791
Omega 3	QFCS	Mixed Fat Spread	782
Omega 6	QFCS	Mixed Fat Spread	782
Omega-3 : Omega-6 ratio	QFCS	Cod liver oil	806
Opiates	DAU	Urine	1
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Opiates screen	DAH	Hair	DH01
		Hair	DH02
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Opiates Screen (total)	DAU	Urine	1
		Urine	2
		Urine	3
Opioid analgesic drugs	QUARTZ	Blood	1
		Blood and case study	2
Organic carbon content	AQUACHECK	Agricultural soil	14
Organic tin	TOYTEST	EN71 - 3 Standard solution and real material	3
Original extract	BAPS	Ale (Bitter)	1B
		Lager	1L
Original gravity	BAPS	Ale (Bitter)	1B
		Lager	1L
	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Orthophosphate	AQUACHECK	Seawater	TRIAL
		Water	TRIAL
Osmophilic mould (Enumeration)	QMS	Skimmed milk powder	5

Analyte	Scheme	Matrix	Sample
Osmophilic mould (Enumeration)	QMS	Oatmeal	5
	SUPS	Lyophilised test material	6
Osmophilic yeast (Enumeration)	QMS	Skimmed milk powder	5
		Oatmeal	5
	SUPS	Lyophilised test material	6
Other 30 min luminescent bacteria IC50 tests	AQUACHECK	Ecotoxicology	50
Other substances of interest	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Outdoor activity toys	TOYTEST	EN71 - 8 paper exercise	5
Oxazepam	TOX	Human serum	BNZ
o-Xylene	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
	CONTEST	Standard solution	Group C, 15
		Soil	22
Oxytetracycline	AQUACHECK	Spiking solutions	TRIAL
p,p'-DDD	AQUACHECK	Spiking solutions	TRIAL
	CONTEST	Soil	26
p,p'-DDE	AQUACHECK	Spiking solutions	TRIAL
	CONTEST	Soil	26
p,p'-DDT	AQUACHECK	Spiking solutions	TRIAL
	CONTEST	Soil	26
p,p'-DDD	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
p,p'-DDE	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
p,p'-DDT	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
Palmitic acid 16:0	QFCS	Extra virgin olive oil	790
Palmitoleic acid 16:1 (cis & trans)	QFCS	Olive oil	791
Paracetamol (Acetaminophen)	TOX	Human blood	BLD
		Human serum	SM

Analyte	Scheme	Matrix	Sample
Parasites (Identification)	CLS	Liquid	GIP
Parathion-ethyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Parathion-methyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Paroxetine	TDM	New born calf serum	PS21
Particle Count Particles/mL > 14 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 38 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 4 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 6 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 70 µm (c)	OIL	Service Engine Oil	6
Particulate contamination by filtration	OIL	#2 Diesel fuel	2
Particulate determination	PHARMASSURE	Sample format will depend upon test type	8B
Partly unmodified grains	MAPS	Brewers and distillers malt	1
Patulin (corrected for recovery)	QBS	Apple juice	520
PCB (101)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 11
PCB (118)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 11
PCB (138)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 11
PCB (153)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 11
PCB (180)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C

Analyte	Scheme	Matrix	Sample
PCB (180)	CONTEST	Standard solution	Group C, 11
PCB (28)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 11
PCB (52)	AQUACHECK	Groundwater	7D
		Synthetic effluent	19D
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 11
Pendimethalin	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Spiking solutions	TRIAL
Pentachlorobenzene	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Water Framework Directive	34E
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Pentachlorophenol	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
		Water Framework Directive	34D
Pepsin protein digestibility (PPD)	AFPS	Animal feed	1
Perampanel	TDM	Human serum	AE4
Perchlorate	QFCS	Perchlorates in vegetables	792
Perfluorooctane sulfonic acid (PFOS)	AQUACHECK	Spiking solution	26
Perfluorooctanoic acid (PFOA)	AQUACHECK	Spiking solution	26
Permanganate index (PI)	AQUACHECK	Hard water	2H
		Soft water	2S
Permethrin	AQUACHECK	Spiking solutions	TRIAL
Peroxide value	QFCS	Oil or fat	778
		Extra virgin olive oil	790
Perphenazine	TDM	New born calf serum	PS16
Perylene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
Pesticides	QFCS	Fruit/vegetable	773
		Dried tea	777

Analyte	Scheme	Matrix	Sample
PETN (Pentaerythritol tetranitrate)	AQUACHECK	Spiking solutions	TRIAL
PFOA	AQUACHECK	Spiking solutions	TRIAL
PFOS	AQUACHECK	Spiking solutions	TRIAL
pH	BAPS	Ale (Bitter)	1B
		Lager	1L
		Alcohol free/low alcohol beer	7
	CONTEST	Soil	Group B, 3B
		Soil	Group D, 18
	COSMETICS	Liquid cosmetics	23
	DAPS	Fermented wort	Group A, A1
		Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517A
		Liquid test material	524
	QDCS	Milk	32A
		Buffer solution	32B
		Butter	36
		Hard cheese	37
		Whole protein concentrate	43
		Soft cheese	59
		Cheese Powder	63
	QFCS	Mixed Fat Spread	782
		Tomato paste/puree	783
		Honey	801
		Coffee	802

Analyte	Scheme	Matrix	Sample
pH	QFCS	Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Jam or marmalade	817
	QMAS	Dried or cured meat	730
		Precooked,raw or processed meat	731
		Fish	734
	SUPS	Molasses	5
pH (1% aqueous solution at 25˚C)	COSMETICS	Powder detergent	29
pH (20°C)	PHARMASSURE	Buffer solution	1A
pH (EBC Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
pH (IoB Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
pH at 20-25°C	AQUACHECK	Higher salinity potable water	1A
		Hard water	2H
		Soft water	2S
		Agricultural soil	14
		Sewage sludge	16
		Wastewater	17A
		Water	TRIAL
pH at 20-25°C - High	AQUACHECK	Poorly buffered waters	2A
pH at 20-25°C - Low	AQUACHECK	Poorly buffered waters	2A
pH at 20-25°C	AQUACHECK	Seawater	TRIAL
Phenanthrene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Phencyclidine Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3

Analyte	Scheme	Matrix	Sample
Phenobarbitone	TDM	Human serum	TD1
Phenol	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
	CONTEST	Standard solution	Group C, 7b
Phenol (Total)	AQUACHECK	Industrial wastewater	17B
Phenol index	CONTEST	Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
Phenols	CONTEST	Spiking solutions	Group C, 3C
Phenols (Total)	MAPS	Brewers and distillers malt	1
Phenylalanine	QDCS	Infant Formula Powder	64
Phenytoin	TDM	Human serum	TD1
Phosphatase	QDCS	Freeze dried milk	31 (A&B)
Phosphate	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	QFCS	Cereal	770
		'Ready to eat' product	772
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Phosphoric acid	QBS	Carbonated drinks (degassed)	516A
Phosphorous	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	AFPS	Animal feed	2
		Premix	8
	QBS	Fruit juice	510
		Soft drink	519
	QDCS	Whole milk powder	42
	QMAS	Shellfish	741
		Fish	742
Phosphorus (P)	QFCS	Coffee	802
Phosphorus (Total)	AQUACHECK	Hard water	1H
		Soft water	1S
		Spiking solution	10
		Sewage sludge	13

Analyte	Scheme	Matrix	Sample
Phosphorus (Total)	AQUACHECK	Agricultural soil	14
		Industrial wastewater	17D
Phthalates	TOYTEST	Section of plastic material plus two test solutions	10
Picloram	AQUACHECK	Groundwater	8
Piperine content	QFCS	Ground pepper	815
Pirimicarb	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Plutonium-239	AQUACHECK	Clean water	42
		Water	TRIAL
Polarimetry	PHARMASSURE	Sample format will depend upon test type	6I
Polarisation	SUPS	Cane or beet sugar	3
		Raw sugar	7
Polyunsaturated fatty acids	QFCS	Cod liver oil	806
Poly-unsaturates	QFCS	'Ready to eat' product	772
		Mixed Fat Spread	782
		Grated cheese	800
	QMAS	Meat	733
Potassium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Hard water	1H
		Soft water	1S
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Liquid test material	524
	QFCS	Cereal	770
	DAPS	Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	QBS	Soft drink	519
	QDCS	Whole milk powder	41
	QMAS	Precooked, raw or processed meat	731

Analyte	Scheme	Matrix	Sample
Potassium (K)	QFCS	Coffee	802
Potassium (Total)	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
Pour point	OIL	#2 Diesel fuel	2
		Crude oil	4
		Engine oil lubricants	5
Predicted spirit yield, (as is)	MAPS	Brewers and distillers malt	1
Pregablin	TDM	Human serum	AE1
Presence/absence	QFCS	Food products	818
	QMAS	Meat	749
Present gravity	BAPS	Ale (Bitter)	1B
		Lager	1L
Primidone	TDM	Human serum	TD1
Proline	QDCS	Infant Formula Powder	64
Prometryn	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Propachlor	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Propazine	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Propetamphos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Propiconazole	AQUACHECK	Spiking solution	40
Propoxyphene and Metabolite Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Propranolol	AQUACHECK	Spiking solutions	TRIAL
Propylene glycol	DAPS	Simulated spirit	Group B, B4
Propylparaben	COSMETICS	Cream sample	27
Propyzamide	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Prosulfocarb	AQUACHECK	Groundwater	8B

Analyte	Scheme	Matrix	Sample
Protein	MAPS	Wheat	7
	QDCS	Milk	28
		Hard cheese	37
		Whey powder	38B
		Whole protein concentrate	43
		Skimmed milk powder	51
		Whole milk powder	52
		Yogurt	58
		Soft cheese	59
		Cheese Powder	63
	QFCS	Cereal	770
		'Ready to eat' product	772
		Flour	775
		Bread	776
		Cake	793
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Ground pasta	816
		Jam or marmalade	817
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	734
Prothioconazole	AQUACHECK	Spiking solution	40
Pseudomonas aeruginosa (Detection)	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
	PHARMASSURE	Lyophilised test material	4B
Pseudomonas aeruginosa (Enumeration)	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
	QWAS	Potable water	413
		Mineral water	420
Pseudomonas species (Detection)	QMS	Oatmeal	26

Analyte	Scheme	Matrix	Sample
Pseudomonas species (Detection)	QMS	Oatmeal	26
Pseudomonas species (Enumeration)	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	26
		Oatmeal	26
	QWAS	Process water	414
Purity	QFCS	Table salt	819
p-Xylene	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
Pyrene	AQUACHECK	Groundwater	7C
		Synthetic effluent	19C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Qualitative	PHARMASSURE	Sample format will depend upon test type	6K
Qualitative determination in clean water	AQUACHECK	Clean water	25
Qualitative organics by GCMS in Clean Water	AQUACHECK	Clean water	22
Qualitative organics by purge and trap GCMS in Clean Water	AQUACHECK	Clean water	22A
Qualitative phase	PHARMASSURE	Sample format will depend upon test type	6L
Quantification (% to 2 decimal places)	QMAS	Meat	749
Quantitative	PHARMASSURE	Sample format will depend upon test type	6K
Quantitative phase	PHARMASSURE	Sample format will depend upon test type	6L
Quetiapine	TDM	New born calf serum	PS17
Quinmerac	AQUACHECK	Groundwater	8
Quinoxyfen	AQUACHECK	Spiking solutions	TRIAL
Ractopamine	QMAS	Meat	755
Rebaudioside A (as steviol equivalents)	QBS	Soft drink	522
Reducing sugars	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	SUPS	Cane or beet sugar	3
		Molasses	5
		Raw sugar	7
Reflectance grade	SUPS	Cane or beet sugar	1

Analyte	Scheme	Matrix	Sample
Refractive index	PHARMASSURE	Sugar solution	1E
Refractive Index (20°C)	DAPS	Scotch whisky	Group B, B1
		Clear distilled spirit	Group B, B3
		Ready to drink	Group E, E1
		Cream liqueur	Group E, E3
Reid vapor pressure	OIL	Crude oil	4
Relative density	OIL	Crude oil	4
Residual fermentable sugars (Total amount of glucose, maltose and maltotriose present)	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Residual gravity	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Residual sulfur dioxide	MAPS	Brewers and distillers malt	1
Residue	DAPS	Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Resistance Genes	CLS	Liquid	BCP
Respirable grade quartz	AIR	Quartz PVC filter 25mm diameter (Workplace air)	2
		Quartz PVC filter 25mm diameter (Workplace air)	2
Rifampin resistance	CLS	Liquid	MTM
Risperidone	TDM	New born calf serum	PS10
Ritalinic acid	TDM	Lyophilised human serum	PST1
Rotavirus Antigen	CLS	Liquid	ROT
RSV Antigen;	CLS	Liquid	VIR
Rufinamide	TDM	Human serum	AE2
Saccharin	QFCS	Liquid	761
Saccharin (as free imide)	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
Salicylic acid	AQUACHECK	Spiking solutions	TRIAL
	TOX	Human blood	BLD
		Human serum	SM
Salinity	AQUACHECK	Wastewater	17A
Salmonella identification	QMS	Freeze-dried material	34
Salmonella species (Detection)	AFPS	Simulated animal feed	6
	HYGIENE	12.5cm x 8.5cm plastic rectangle	2
	PHARMASSURE	Lyophilised test material	9

Analyte	Scheme	Matrix	Sample
Salmonella species (Detection)	QBS	Fruit juice	507
	QCS	Grated chocolate	710
		Grated chocolate	711
		Grated chocolate	712
		Cocoa powder	714
	QMAS	Lyophilised meat	736
		Lyophilised fish or shellfish	740
		Meat	757
	QMS	Skimmed milk powder	6
		Oatmeal	6
		Tea	28
		Herb	30
		Spice	31
		Skimmed milk powder	37
		Skimmed milk	40
	QWAS	Effluent sludge	416
		Bathing, surface and wastewater	419
		Sea water	422
Salmonella species (Enumeration)	QMS	Skimmed milk powder	3
Salt	OIL	Crude oil	4
	QDCS	Butter	36
		Hard cheese	37
		Soft cheese	59
		Cheese Powder	63
	QFCS	Cereal	770
		'Ready to eat' product	772
		Mixed Fat Spread	782
		Tomato paste/puree	783
		Ketchup	811
		Mayonnaise	812
		Mustard	813
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	734
Saponification Number	OIL	Engine oil lubricants	5

Analyte	Scheme	Matrix	Sample
Saponification Number (acid number)	QFCS	Oil or fat	778
Saturated fat	QDCS	Hard cheese	37
		Soft cheese	59
Saturated fatty acids	QFCS	Cod liver oil	806
Saturates	QFCS	'Ready to eat' product	772
		Mixed Fat Spread	782
		Grated cheese	800
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Ground pasta	816
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Meat	733
Scopoletin	DAPS	Scotch whisky	Group B, B1
Scorched particles	QDCS	Skimmed milk powder	38A
		Whey powder	38B
Sediment	OIL	#2 Diesel fuel	2
		Crude oil	4
Sediment (Insoluble)	SUPS	Cane or beet sugar	4
Selenium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Natural water	5
		Clean water	5A
		Groundwater	5G
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Seawater	TRIAL
	CONTEST	Standard solution	Group A, 1b
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21

Analyte	Scheme	Matrix	Sample
Selenium	CONTEST	Solid waste leachate	24
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	QFCS	Dried tea	780
	TOYTEST	EN71 - 3 Standard solution and real material	3
Serine	QDCS	Infant Formula Powder	64
Sertraline	TDM	New born calf serum	PS08
Settleable solids	AQUACHECK	Settleable solids	15
Settled chemical oxygen demand (COD)	AQUACHECK	Wastewater	17A
Shear stability	OIL	Engine oil lubricants	5
Shigella species (Detection)	QMS	Oatmeal	12
Sieving Test <2.20mm	MAPS	Brewers and distillers malt	1
		Barley	2
Sieving Test <2.25mm	MAPS	Barley	2
Sieving Test >2.50mm	MAPS	Barley	2
Sieving Test >2.80mm	MAPS	Brewers and distillers malt	1
		Barley	2
Sieving Test 2.20-2.50mm	MAPS	Brewers and distillers malt	1
		Barley	2
Sieving Test 2.25 to 2.50mm	MAPS	Barley	2
Sieving Test 2.50-2.80mm	MAPS	Brewers and distillers malt	1
		Barley	2
Silicate	AQUACHECK	Hard water	2H
		Soft water	2S
		Spiking solution	10
		Seawater	TRIAL
Silicon	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Silver	AQUACHECK	Natural water	4
		Groundwater	4G
		Industrial wastewater	17C
	OIL	Service Engine Oil	6
Simazine	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
		Water Framework Directive	34B

Analyte	Scheme	Matrix	Sample
Simazine	AQUACHECK	Spiking solutions	TRIAL
Sinapaldehyde	DAPS	Scotch whisky	Group B, B1
Sirolimus	IPT	human blood	SIR
S-metolachlor	AQUACHECK	Groundwater	8
SNR (Soluble Nitrogen Ratio)	MAPS	Wheat	7
Sodium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Soft drink	519
		Liquid test material	524
	QDCS	Hard cheese	37
		Whole milk powder	41
		Soft cheese	59
		Cheese Powder	63
	QFCS	Cereal	770
		'Ready to eat' product	772
		Bread	776
		Cake	793
		Mayonnaise	812
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Sodium bicarbonate	PHARMASSURE	Standard solution	1C
Sodium chloride	PHARMASSURE	Standard solution	1C
Solids-non-fat (SNF)	QDCS	Butter	36

Analyte	Scheme	Matrix	Sample
Soluble nitrogen ratio (SNR)	MAPS	Brewers and distillers malt	1
Soluble potash	AQUACHECK	Spiking solutions	TRIAL
		Spiking solutions	TRIAL
Soluble reactive phosphorus	AQUACHECK	Spiking solution	10
Soluble reactive phosphorus (PO4)	AQUACHECK	Hard water	2H
		Soft water	2S
		Industrial wastewater	17D
Soluble solids	QFCS	Ketchup	811
		Jam or marmalade	817
Sorbic acid	COSMETICS	Cream sample	27
	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
	QFCS	Liquid	760
Sorbic acid (As free acid)	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Soy	QFCS	Rice flour	809
Specific gravity	DAPS	Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Specific gravity (20°C)	DAPS	Scotch whisky	Group B, B1
		Clear distilled spirit	Group B, B3
Sputum culture	CLS	Pellet	COM
Sputum Specimen Quality	CLS	Slides	VGS
Stain Quality	CLS	Slides	VGS
Staphylococcus aureus	CLS	Swab	MRM
Staphylococcus aureus (Detection and or Enumeration)	PHARMASSURE	Lyophilised test material	4A
		Medicinal herb	10
Staphylococcus aureus (Detection)	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
Staphylococcus aureus (Enumeration)	COSMETICS	Powder	10A

Analyte	Scheme	Matrix	Sample
Staphylococcus aureus (Enumeration)	COSMETICS	Cream	13A
		Liquid	16A
	HYGIENE	12.5cm x 8.5cm plastic rectangle	7
Staphylococcus aureus culture	CLS	Swab	MRS
Staphylococcus aureus;	CLS	Swab	MRM
Staphylococcus species (Enumeration)	QMS	Skimmed milk powder	17
		Oatmeal	17
	QWAS	Bathing, recreational and surface water	421
Starch	AFPS	Animal feed	1
		Wet Pet Food	9
	QMAS	Meat	733
	SUPS	Raw sugar	7
Stearic acid 18:0	QFCS	Extra virgin olive oil	790
STEC (Presence/absence)	STEC	Milk Powder	D
		Powdered beef	M
Sterility	PHARMASSURE	Lyophilised test material	5
Stimulant drugs	QUARTZ	Blood	1
		Blood and case study	2
Stool culture	CLS	Pellet	COM
Streptococcus pneumoniae Antigen	CLS	Liquid	SPN
Strontium	AQUACHECK	Natural water	4
		Groundwater	4G
		Seawater	TRIAL
	TOYTEST	EN71 - 3 Standard solution and real material	3
Styrene	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
Sucralose	QBS	Carbonated drinks (degassed)	516B
	QFCS	Liquid	761
Sucrose	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
	QBS	Carbonated drinks	515
		Dilutable and ready to drink materials	517B
	QFCS	Honey	801

Analyte	Scheme	Matrix	Sample
Sucrose	SUPS	Molasses	5
Sudan IV	QFCS	Palm oil	803
Sugars	AFPS	Animal feed	1
		Wet Pet Food	9
Sugars (Total)	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		Ready to drink	Group E, E1
	QCS	Chocolate	715
	QFCS	'Ready to eat' product	772
		Cereal	770
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Sulfate	AIR	Quartz fibre filter 47mm diameter (Ambient)	14
	AQUACHECK	Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Industrial wastewater	17B
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	QBS	Liquid test material	524
	QFCS	Table salt	819
Sulfate (Total)	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 8
Sulfated ash	SUPS	Molasses	5
Sulfide (Total)	AQUACHECK	Wastewater	32
Sulfur	AQUACHECK	Seawater	TRIAL
	OIL	Crude oil	4
Sulfur (Total)	CONTEST	Soil	Group B, 3B
Sulfur content	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5

Analyte	Scheme	Matrix	Sample
Sulfur content	OIL	Service Engine Oil	6
Sulfur dioxide	AIR	Impinger solution (Stack emissions)	34
	QFCS	Liquid	760
	BAPS	Ale (Bitter)	1B
		Lager	1L
	QFCS	Dried fruit	797
	SUPS	Cane or beet sugar	3
Sulfur dioxide (Free)	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Sulfur dioxide (Total)	DAPS	Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Sulphite-reducing bacteria (Enumeration)	QMAS	Lyophilised meat	738
Sulphite-reducing clostridia (Detection)	QWAS	Potable water	413
		Mineral water	424
Sulphite-reducing clostridia (Enumeration)	QWAS	Potable water	413
		Bathing, recreational and surface water	421
Sulphite-reducing clostridia spores (Detection)	QWAS	Mineral water	424
Sulphite-reducing clostridia spores (Enumeration)	QWAS	Potable water	413
Sulphite-reducing Clostridium spores (Enumeration)	QMS	Skimmed milk powder	15
		Oatmeal	15
Sulpiride	TDM	New born calf serum	PS30
Sum of EU 4 PAHs	QFCS	Vegetable oil	805
Sum of oleic 18:1 cis n-9 & vaccenic cis 18:1 n-11	QFCS	Oil or fat	778
Surface Area	NiMS	Alloy disks, jewellery or other appropriate articles	1A
		Alloy disks, jewellery or other appropriate articles	1B
		Alloy disks, jewellery or other appropriate articles	1C

Analyte	Scheme	Matrix	Sample
Susceptibility Testing	CLS	Pellet	COM
Suspended solids	AQUACHECK	Spiking solution	3
		Spiking solution	11
		Wastewater	17A
SVOCs	AQUACHECK	Spiking solution	TRIAL
Syringaldehyde	DAPS	Scotch whisky	Group B, B1
Syringic Acid	DAPS	Scotch whisky	Group B, B1
Tablet testing: Diameter	PHARMASSURE	Tablet testing	7B
Tablet testing: Disintegration	PHARMASSURE	Tablet testing	7B
Tablet testing: Friability	PHARMASSURE	Tablet testing	7B
Tablet testing: Resistance to crushing	PHARMASSURE	Tablet testing	7B
Tablet testing: Thickness	PHARMASSURE	Tablet testing	7B
Tablet testing: Weight	PHARMASSURE	Tablet testing	7B
Tacrolimus	IPT	Human blood	CICTAC
Taste - Alcoholic/Solvent	BAPS	Lager/ale (Bitter)	5
Taste - Astringent	BAPS	Lager/ale (Bitter)	5
Taste - Bitter	BAPS	Lager/ale (Bitter)	5
Taste - Body	BAPS	Lager/ale (Bitter)	5
Taste - Burnt	BAPS	Lager/ale (Bitter)	5
Taste - Caramel	BAPS	Lager/ale (Bitter)	5
Taste - Cereal	BAPS	Lager/ale (Bitter)	5
Taste - DMS	BAPS	Lager/ale (Bitter)	5
Taste - Fruity/Citrus	BAPS	Lager/ale (Bitter)	5
Taste - Fruity/Estery	BAPS	Lager/ale (Bitter)	5
Taste - Hop	BAPS	Lager/ale (Bitter)	5
Taste - Linger	BAPS	Lager/ale (Bitter)	5
Taste - Malty	BAPS	Lager/ale (Bitter)	5
Taste - Other	BAPS	Lager/ale (Bitter)	5
Taste - Other sulfur	BAPS	Lager/ale (Bitter)	5
Taste - Oxidised/Aged	BAPS	Lager/ale (Bitter)	5
Taste - Sour	BAPS	Lager/ale (Bitter)	5
Taste - Sweet	BAPS	Lager/ale (Bitter)	5
TD-Amikacin	TDM	Human serum	TD1
TD-Gentamicin	TDM	Human serum	TD1
TD-Tobramycin	TDM	Human serum	TD1

Analyte	Scheme	Matrix	Sample
TD-Vancomycin	TDM	Human serum	TD1
Tebuconazole	AQUACHECK	Spiking solution	40
Teicoplanin	TDM	Human serum	AT07
Tellurium	AQUACHECK	Synthetic effluent	12
Temazepam	TOX	Human serum	BNZ
Temperature rise	TOYTEST	Electrical	15
Terbuthylazine	AQUACHECK	Groundwater	8B
Terbutryn	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
		Spiking solutions	TRIAL
Terpene compounds	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Terpinene-4-ol (gin only)	DAPS	Clear distilled spirit	Group B, B3
Tetrachloroethene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
	AQUACHECK	Groundwater	6A
		Groundwater	7B
		Synthetic effluent	18A
		Synthetic effluent	19B
Tetrachloromethane	CONTEST	Standard solution	Group C, 19
		Soil	25
Tetra-iso-alpha-acids	BAPS	Lager	2L
		Ale	3
TFN	AQUACHECK	Spiking solution	36
Thallium	AIR	Metals impinger solution (Stack emissions)	33
		Metals and fly ash on Quartz filter 47mm diameter (Stack emissions)	38
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
Theobromine	QCS	Chocolate	715
		Cocoa powder	716
Theophylline	TDM	Human serum	TD1
Thermophilic acidophilic bacteria (Enumeration)	QBS	Lyophilised test material	506
	SUPS	Lyophilised test material	8
Thermophilic aerobic plate count	QMS	Oatmeal	11

Analyte	Scheme	Matrix	Sample
Thermophilic aerobic spores (Enumeration)	QMS	Skimmed milk powder	11
		Oatmeal	11
Thermophilic aerobic spores count	QMS	Skimmed milk powder	11
Thermotolerant coliforms (Enumeration)	QMS	Skimmed milk powder	20
		Oatmeal	20
Thifensulfuron methyl	AQUACHECK	Groundwater	8B
Thiocyanate	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 16
		Soil	Group D, 18
Thioridazine	TDM	New born calf serum	PS13
Thousand corn weight	MAPS	Barley	2
Threonine	QDCS	Infant Formula Powder	64
Throat culture	CLS	Pellet	COM
Tiagabine	TDM	Human serum	AE1
Tin	AQUACHECK	Natural water	5
		Clean water	5A
		Groundwater	5G
		Industrial wastewater	17C
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
	OIL	Service Engine Oil	6
	QBS	Fruit juice	518
		Soft drink	519
	TOYTEST	EN71 - 3 Standard solution and real material	3
Titanium	OIL	Service Engine Oil	6
Titratable acidity	QDCS	HCl solution	29
		Whipping cream	39
		Skimmed milk powder	51
		Whole milk powder	52
		Milk	56
Titre	PHARMASSURE	Standard solution	1C
TLC	PHARMASSURE	Sample format will depend upon test type	6G

Analyte	Scheme	Matrix	Sample
Tobramycin	TDM	Human serum	AT02
Toluene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Workplace air)	12
		Carbopack X filled sorbent tubes	12A
		Tenax TA filled sorbent tubes (Workplace air)	21
Toluene	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
	CONTEST	Standard solution	Group C, 15
		Soil	22
	PHARMASSURE	Residual Solvents	2E
TON	AQUACHECK	Spiking solution	36
Topiramate	TDM	Human serum	AE2
Total acidity	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		White or Rosé wine	Group D, D1
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
	QFCS	Coffee	802
		Ketchup	811
		Mustard	813
		Jam or marmalade	817
	DAPS	Ciders	Group C, C1
		Red wine	Group D, D2
	QFCS	Tomato paste/puree	783
Total aerobic bacterial count (Spread)	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Total aerobic count	QWAS	Process water	414
Total aerobic count at 22°C	QWAS	Potable water	412
		Mineral water	420
Total aerobic count at 37°C	QWAS	Potable water	412
		Mineral water	420

Analyte	Scheme	Matrix	Sample
Total aerobic mesophilic count	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
		12.5cm x 8.5cm plastic rectangle	3
	QBS	Fruit juice	500
		Soft drink	501
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	735
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
		Meat	756
	QMS	Skimmed milk powder	16
		Oatmeal	16
		Tea	29
		Skimmed milk powder	36
		Ready meal	41
	SUPS	Lyophilised test material	6
	QBS	Lyophilised test material	505
Total aerobic microbial count	PHARMASSURE	Lyophilised test material	4A
		Medicinal herb	10
Total aerobic microbial count (Pour)	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Total aflatoxins	QFCS	Nuts	779
		Chilli powder	794
		Dried fruit	804
Total anaerobic mesophilic count	QMAS	Lyophilised meat	738
	QMS	Skimmed milk powder	15
		Oatmeal	15
Total anaerobic microbial count	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Total arsenic	AQUACHECK	Water	TRIAL
	QFCS	Lyophilised mushrooms	795
		Table salt	819
Total ash	QFCS	Ground pepper	815
Total bacterial count	PHARMASSURE	Lyophilised test material	4A
Total cadmium	AQUACHECK	Water	TRIAL

Analyte	Scheme	Matrix	Sample
Total chlorogenic acids	QFCS	Coffee	802
Total coliforms (Enumeration)	QMAS	Meat	756
	QWAS	Bathing, surface and wastewater	419
		Sea water	422
Total copper	AQUACHECK	Water	TRIAL
Total dietary fibre	QDCS	Soft cheese	59
	QFCS	Cereal	770
		'Ready to eat' product	772
		Bread	776
		Cake	793
		Ketchup	811
		Mustard	813
		Canned fruit	814
		Ground pasta	816
Total dimethyl sulfide (DMS)	MAPS	Brewers and distillers malt	1
Total dissolved solids	AQUACHECK	Higher salinity potable water	1A
		Hard water	2H
		Soft water	2S
		Wastewater	17A
	CONTEST	Soil	Group E, 21
		Solid waste leachate	24
Total EPA+DHA Omega-3 fatty acids	QFCS	Cod liver oil	806
		Cod liver oil	806
Total fat	QFCS	Mixed Fat Spread	782
		Grated cheese	800
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Total fatty matter content	COSMETICS	Liquid or solid soap	28
Total gas pressure	BAPS	Ale (Bitter)	1B
		Lager	1L
Total hardness	AQUACHECK	Hard water	1H
		Soft water	1S
Total hydrocarbons by GC analysis	AQUACHECK	Mineral oil in wastewater	23
Total hydrocarbons by Gravimetric analysis	AQUACHECK	Mineral oil in wastewater	23
Total hydrocarbons by IR analysis	AQUACHECK	Mineral oil in wastewater	23

Analyte	Scheme	Matrix	Sample
Total lead	AQUACHECK	Water	TRIAL
Total mercury	AQUACHECK	Water	TRIAL
Total monosubstituted methylphenols	AQUACHECK	Groundwater	6B
		Synthetic effluent	18B
Total nickel	AQUACHECK	Water	TRIAL
Total nitrogen	AQUACHECK	Spiking solutions	TRIAL
		Spiking solutions	TRIAL
		Seawater	TRIAL
Total oganic carbon/dissolved organic carbon (TOC/DOC)	CONTEST	Soil	Group D, 18
Total oil and grease	AQUACHECK	Oil and Grease in water	24
Total omega 3	QFCS	Grated cheese	800
Total omega 3:Total omega 6 ratio	QFCS	Grated cheese	800
Total omega 6	QFCS	Grated cheese	800
Total Omega-6 fatty acids	QFCS	Cod liver oil	806
Total Omega-9 fatty acids	QFCS	Cod liver oil	806
Total organic carbon (TOC)	AQUACHECK	Higher salinity potable water	1A
	CONTEST	Soil	Group C, 3C
Total oxidised nitrogen (TON)	AQUACHECK	Hard water	2H
		Soft water	2S
		Spiking solution	10
Total PAH	CONTEST	Soil	Group C, 3C
Total phenols (Sum of phenol, cresols and xylenols)	CONTEST	Standard solution	Group C, 7b
Total phosphorus	AQUACHECK	Spiking solutions	TRIAL
		Seawater	TRIAL
Total polar compounds	QFCS	Frying oil	796
Total polyphenols	BAPS	Lager	2L
	QFCS	Extra virgin olive oil	790
Total potassium	AQUACHECK	Spiking solutions	TRIAL
Total solids	AIR	Dust rinsing solution (Stack emissions)	39
	AQUACHECK	Agricultural soil	14
	DAPS	Scotch whisky	Group B, B1
		Cream liqueur	Group E, E3

Analyte	Scheme	Matrix	Sample
Total solids	QDCS	Milk	28
		Yogurt	58
	QFCS	Tomato paste/puree	783
Total solids (105±5oC)	AQUACHECK	Sewage sludge	16
Total soluble nitrogen (TSN) (EBC Wort)	MAPS	Brewers and distillers malt	1
Total soluble nitrogen (TSN) (IoB Wort)	MAPS	Brewers and distillers malt	1
Total Sterols	QFCS	Extra virgin olive oil	790
Total steviol glycosides (as steviol equivalents)	QBS	Soft drink	522
Total sugars	QFCS	Cake	793
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Ground pasta	816
		Jam or marmalade	817
Total TPH (C10-C40 inclusive)	CONTEST	Soil	Group C, 3C
Total trans fatty acids	QFCS	'Ready to eat' product	772
		Mixed Fat Spread	782
		Grated cheese	800
		Cod liver oil	806
		Mayonnaise	812
	QMAS	Meat	733
Total Uranium	AQUACHECK	Clean water	42
		Water	TRIAL
Total VDK	BAPS	Ale	3
Total VDK (previously Diacetyl as VDK)	BAPS	Lager	2L
Total viable count	AFPS	Simulated animal feed	7
	QWAS	Sterile water	428
Total volatile nitrogen (TVN)	QMAS	Fish	748
Toxicology case studies	TOX	Serum	CAS
		Urine	CAS
Toxicology in blood	TOX	Human blood	QT
TPH (C10-C40 inclusive)	CONTEST	Standard solution	Group C, 14a
TPH Aliphatic >C10-C12	CONTEST	Soil	Group C, 3C

Analyte	Scheme	Matrix	Sample
TPH Aliphatic >C12 -C16	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C16 -C21	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C21-C35	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C35-C40	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC10-EC12	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC12-EC16	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC16-EC21	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC21-EC35	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC35-EC40	CONTEST	Soil	Group C, 3C
TPH, Aliphatic >C6-C8	CONTEST	Standard solution	Group C, 14b
TPH, Aliphatic >C6-C8	CONTEST	Soil	23
TPH, Aliphatic >C8-C10	CONTEST	Standard solution	Group C, 14b
TPH, Aliphatic >C8-C10	CONTEST	Soil	23
TPH, Aliphatic ≤C6	CONTEST	Standard solution	Group C, 14b
TPH, Aliphatic ≤C6	CONTEST	Soil	23
TPH, Aromatic >C6-C8	CONTEST	Standard solution	Group C, 14b
TPH, Aromatic >C6-C8	CONTEST	Soil	23
TPH, Aromatic >C8-C10	CONTEST	Standard solution	Group C, 14b
TPH, Aromatic >C8-C10	CONTEST	Soil	23
TPH, Aromatic C6	CONTEST	Standard solution	Group C, 14b
TPH, Aromatic C6	CONTEST	Soil	23
Tramadol	QUARTZ	Blood	3
	TDM	Human serum	AM1
Trans-chlordane	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
Trazodone	TDM	New born calf serum	PS29
Tribenuron methyl	AQUACHECK	Groundwater	8B
Tributyltin compounds	AQUACHECK	Water Framework Directive	34G
Trichlopyr	AQUACHECK	Groundwater	8
Trichloroacetic acid	AQUACHECK	Spiking solution	TRIAL
Trichlorobenzenes	AQUACHECK	Water Framework Directive	34H
Trichloroethene	AQUACHECK	Groundwater	6A
		Groundwater	7B
		Synthetic effluent	18A
		Synthetic effluent	19B

Analyte	Scheme	Matrix	Sample
Trichloroethene	CONTEST	Standard solution	Group C, 19
		Soil	25
Trichloroethylene	AIR	Charcoal filled glass sorbent tubes (Work-place air)	6
Trichloromethane	AQUACHECK	Water Framework Directive	34H
	CONTEST	Standard solution	Group C, 19
		Soil	25
Trichomonas vaginalis	CLS	Liquid	TCH
Triclopyr	AQUACHECK	Synthetic effluent	20
Triclosan	AQUACHECK	Groundwater	TRIAL
Trietazine	AQUACHECK	Groundwater	8B
		Synthetic effluent	20B
Trifluralin	AQUACHECK	Groundwater	7A
		Synthetic effluent	19A
		Water Framework Directive	34E
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Trimethylamine (TMA)	QMAS	Fish	748
Trimipramine	TDM	New born calf serum	PS09
Tryptophan (total)	QDCS	Infant Formula Powder	64
TSN (EBC Wort) (Total Soluble Nitrogen)	MAPS	Wheat	7
TSN (IoB Wort) (Total Soluble Nitrogen)	MAPS	Malt	6
		Wheat	7
TSN (Total Soluble Nitrogen)	BAPS	Lager	2L
Turbidity	AQUACHECK	Spiking solution	3
		Spiking solution	11
		Water	TRIAL
	DAPS	Clear distilled spirit	Group B, B3
	SUPS	Cane or beet sugar	1
Turbidity (Haze)	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
Tyrosine	QDCS	Infant Formula Powder	64
Uniformity of dosage units	PHARMASSURE	Tablet testing	7C
Unsaponifiable matter	QFCS	Oil or fat	778
Uranium	AQUACHECK	Synthetic effluent	12

Analyte	Scheme	Matrix	Sample
Uranium-234	AQUACHECK	Clean water	42
		Water	TRIAL
Uranium-235	AQUACHECK	Clean water	42
		Water	TRIAL
Uranium-238	AQUACHECK	Clean water	42
		Water	TRIAL
Urea nitrogen	AQUACHECK	Spiking solutions	TRIAL
Urine colony count	CLS	Pellet	COM
Urine culture	CLS	Pellet	COM
UV	PHARMASSURE	Sample format will depend upon test type	6B
UV absorption	AQUACHECK	Spiking solution	38
Valine	QDCS	Infant Formula Powder	64
Valproate	TDM	Human serum	TD1
Vanadium	AIR	Metals impinger solution (Stack emissions)	33
		Metals and fly ash on Quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Clean water	5B
		Groundwater	5G
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
	OIL	Crude oil	4
		Service Engine Oil	6
Vancomycin	TDM	Human serum	AT01
Vancomycin-Resistant Enterococcus	CLS	Swab	VRM
		Swab	VRE
Vanillic Acid	DAPS	Scotch whisky	Group B, B1
Vanillin	DAPS	Scotch whisky	Group B, B1
Venlafaxine	TDM	New born calf serum	PS20
Vibrio fischeri 30 minute IC50 (ISO 11348-3)	AQUACHECK	Ecotoxicology	50

Analyte	Scheme	Matrix	Sample
Vibrio parahaemolyticus (Detection)	QMS	Oatmeal	13
	QMAS	Lyophilised fish or shellfish	745
Vibrio species (Detection)	QMAS	Lyophilised fish or shellfish	745
	QMS	Oatmeal	13
Vicosity (Kinematic @100°C)	OIL	Engine oil lubricants	5
Vicosity (Kinematic @40°C)	OIL	Engine oil lubricants	5
Vicosity (Kinematic)	OIL	#2 Diesel fuel	2
		Crude oil	4
Vigabatrin	TDM	Human serum	AE2
Vinyl Chloride	CONTEST	Standard solution	Group C, 19
		Soil	25
Viruses (Identification)	CLS	Liquid	GIP
		Liquid	MEP
		Liquid	RSP
Viscosity	COSMETICS	Liquid cosmetics	23
Viscosity (EBC Wort)	MAPS	Brewers and distillers malt	1
		Wheat	7
Viscosity (IoB Wort)	MAPS	Wheat	7
Viscosity (IobB Wort)	MAPS	Brewers and distillers malt	1
Viscosity, Kinematic @100°C	OIL	Service Engine Oil	6
Viscosity, Kinematic @40°C	OIL	Service Engine Oil	6
Viscosity, Low Temperature @ -25°C	OIL	Engine oil lubricants	5
Viscosity, Low Temperature @ 5000 mPa*s (cP)	OIL	Engine oil lubricants	5
Viscosity, Tapered Bearing @ 150°C	OIL	Engine oil lubricants	5
Viscosity, Tapered Plug @ 150 °C	OIL	Engine oil lubricants	5
Vitamin A	QDCS	Milk powder	44
	QFCS	Cereal	771
		Mixed Fat Spread	782
		Cod liver oil	806
Vitamin B1 (Thiamine)	QFCS	Cereal	771
Vitamin B1 (Thiamine)	QFCS	Bread	776
Vitamin B12	QFCS	Cereal	771
Vitamin B12 (Cyanocobalamin)	QBS	Soft drink	521
Vitamin B2 (Riboflavin)	QFCS	Cereal	771
		Bread	776

Analyte	Scheme	Matrix	Sample
Vitamin B3 (Niacin)	QFCS	Cereal	771
		Bread	776
Vitamin B3 (Nicotinamide)	QBS	Soft drink	521
Vitamin B5 (Pantothenic acid)	QBS	Soft drink	521
	QFCS	Cereal	771
Vitamin B6	QFCS	Cereal	771
Vitamin B6 (Pyridoxine)	QBS	Soft drink	521
Vitamin B9 (Folic acid)	QFCS	Cereal	771
Vitamin C	QDCS	Milk powder	44
Vitamin C (Ascorbic acid)	QBS	Soft drink	521
	QFCS	Cereal	771
Vitamin D	QDCS	Milk powder	44
		Cereal	771
		Mixed Fat Spread	782
		Cod liver oil	806
Volatile acidity	DAPS	Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
Volatile oil	QFCS	Ground pepper	815
Volatility – (GC)	OIL	Engine oil lubricants	5
Volume	AIR	Impinger solution (Stack emissions)	31
		Impinger solution (Stack emissions)	32
		Metals impinger solution (Stack emissions)	33
		Impinger solution (Stack emissions)	34
		Impinger solution (Stack emissions)	35
		Impinger solution (Stack emissions)	36
		Impinger solution (Stack emissions)	37
		variable volume 4% m/m potassium permanganate/2% m/m sodium hydroxide impinger solution	41
Volume of sample provided	AQUACHECK	Mineral oil in wastewater	23
		Oil and grease in wastewater	24
Water	OIL	#2 Diesel fuel	2
		Crude oil	4

Analyte	Scheme	Matrix	Sample
Water	QFCS	Oil or fat	778
		Mixed Fat Spread	782
		Coffee	802
Water (Procedure A)	OIL	Engine oil lubricants	5
Water (Procedure B)	OIL	Engine oil lubricants	5
Water activity	QFCS	Cereal	774
		Cured meat	774
		Hard cheese	774
Water content	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Water extractable boron	AQUACHECK	Agricultural soil	14
Water insoluble matter	COSMETICS	Powder detergent	29
Water insoluble solids	QFCS	Honey	801
Water soluble boron	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 10
Water soluble chloride	CONTEST	Soil	Group B, 3B
Water soluble fluoride	CONTEST	Soil	Group B, 3B
Water soluble sulfate	CONTEST	Soil	Group B, 3B
Wax content	QFCS	Extra virgin olive oil	790
		Olive oil	791
Wild yeast (Enumeration)	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Wound culture	CLS	Pellet	COM
WPNI	QDCS	Skimmed milk powder	51
		Whole milk powder	52
Xylene (all isomers)	AIR	Charcoal filled glass sorbent tubes (Work-place air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Ambient)	12
		Carbopack X filled sorbent tubes	12A
Xylene (Total)	AQUACHECK	Groundwater	6C
		Synthetic effluent	18C
Xylenols	CONTEST	Soil	Group C, 3C
Xylenols (Total)	CONTEST	Standard solution	Group C, 7b
Yeast (Enumeration)	AFPS	Simulated animal feed	7

Analyte	Scheme	Matrix	Sample
Yeast (Enumeration)	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
		12.5cm x 8.5cm plastic rectangle	6
	PHARMASSURE	Lyophilised test material	4B
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	746
		Meat	756
	QMS	Skimmed milk powder	23
		Oatmeal	23
		Skimmed milk powder	36
	QWAS	Process water	414
	SUPS	Lyophilised test material	6
Yeast and Mould (Enumeration)	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
	HYGIENE	12.5cm x 8.5cm plastic rectangle	6
	QMAS	Meat	756
	QMS	Skimmed milk powder	23
		Oatmeal	23
		Skimmed milk powder	36
	QWAS	Process water	414
Yeast and Mould (Total Count)	PHARMASSURE	Lyophilised test material	4B
Yeast and or Mould (Detection and or Enumeration)	PHARMASSURE	Medicinal herb	10
Yeast and or Mould (Enumeration)	QMS	Tea	29
		Ready meal	41
Yeasts (Identification)	CLS	Liquid	BCP
		Liquid	MEP
Yersinia enterocolitica (Detection)	QMS	Skimmed milk powder	14
Yersinia species (Detection)	QMS	Skimmed milk powder	14
Zaleplon	TOX	Human serum	ZMIX
Zinc	AFPS	Animal feed	2
		Premix	8

Analyte	Scheme	Matrix	Sample
Zinc	AIR	Cellulose filter (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		x bulk metal ore/refinery dust sample	10C
	AQUACHECK	Natural water	4
		Groundwater	4G
		Clean water	5B
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Spiking solutions	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
		Solid waste leachate	24
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	PHARMASSURE	Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	QDCS	Whole milk powder	42
	QFCS	Cereal	770
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	TOYTEST	EN71 - 3 Standard solution and real material	3
	AIR	Bulk welding fume sample	10A
Ziprasidone	TDM	New born calf serum	PS26
Zolpidem	TOX	Human serum	ZMIX

Analyte	Scheme	Matrix	Sample
Zonisamide	TDM	Human serum	AE2
Zopiclone	TOX	Human serum	ZMIX
Zuclopenthixol	TDM	New born calf serum	PS23
β-lactoglobulin	QFCS	Infant Formula Powder	810
β-sitosterol	QFCS	Olive oil	791
ΔECN 42	QFCS	Olive oil	791
ΔK	QFCS	Olive oil	791

Analyte Scheme Matrix Sample

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