

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals	
<b>Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers</b>				
104-40-5, 11066-49-2 25154-52-3 84852-15-3 140-66-9	Nonylphenol (NP), mixed isomers	150 ppm	Liquid chromatography-Mass spectrometry (LC-MS), Gas chromatography-Mass spectrometry (GC-MS)	
1806-26-4 27193-28-8				
9002-93-1 9036-19-5 68987-90-6	Octylphenol (OP), mixed isomers	150 ppm		
9016-45-9 26027-38-3 37205-87-1 68412-54-4 127087-87-0	Octylphenol ethoxylates (OPEO)	300 ppm		
	Nonylphenol ethoxylates (NPEO)	300 ppm		
<b>Chlorobenzenes and Chlorotoluenes</b>				
95-50-1	1,2-dichlorobenzene	600 ppm		GC-MS
Other mono-, di-, tri-, tetra-, penta- and hexa- chlorobenzenes and mono-, di-, tri-, tetra- and penta-chlorotoluenes		Sum < 200 ppm		

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
<b>Chlorophenols</b>			
25167-83-3	Tetrachlorophenol (TeCP)	Sum < 20 ppm	GC-MS
87-86-5	Pentachlorophenol (PCP)		
4901-51-3	2,3,4,5-tetrachlorophenol	Sum < 50 ppm	
58-90-2	2,3,4,6-tetrachlorophenol		
935-95-5	2,3,5,6-tetrachlorophenol		
95-57-8	2-chlorophenol		
120-83-2	2,4-dichlorophenol		
583-78-8	2,5-dichlorophenol		
87-65-0	2,6-dichlorophenol		
95-95-4	2,4,5-trichlorophenol		
88-06-2	2,4,6-trichlorophenol		
591-35-5	3,5-dichlorophenol		
576-24-9	2,3-dichlorophenol		
95-77-2	3,4-dichlorophenol		
108-43-0	3-chlorophenol		
106-48-9	4-chlorophenol		
15950-66-0	2,3,4-trichlorophenol		
933-78-8	2,3,5-trichlorophenol		
609-19-8	3,4,5-trichlorophenol		
<b>Dyes – Azo (Forming Restricted Amines)</b>			
101-14-4	4,4'-methylene-bis-(2-chloro-aniline)	100 ppm	LC, GC
101-77-9	4,4'-methylenedianiline	100 ppm	
101-80-4	4,4'-oxydianiline	100 ppm	
106-47-8	4-chloroaniline	100 ppm	
119-90-4	3,3'-dimethoxybenzidine	100 ppm	
119-93-7	3,3'-dimethylbenzidine	100 ppm	
120-71-8	6-methoxy-m-toluidine	100 ppm	
137-17-7	2,4,5-trimethylaniline	100 ppm	

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
139-65-1	4,4'-thiodianiline	100 ppm	LC, GC
60-09-3	4-aminoazobenzene	100 ppm	
615-05-4	4-methoxy-m-phenylenediamine	100 ppm	
838-88-0	4,4'-methylenedi-o-toluidine	100 ppm	
87-62-7	2,6-xylydine	100 ppm	
90-04-0	o-anisidine	100 ppm	
91-59-8	2-naphthylamine	100 ppm	
91-94-1	3,3'-dichlorobenzidine	100 ppm	
92-67-1	4-aminodiphenyl	100 ppm	
92-87-5	Benzidine	100 ppm	
95-53-4	o-toluidine	100 ppm	
95-68-1	2,4-xylydine	100 ppm	
95-69-2	4-chloro-o-toluidine	100 ppm	
95-80-7	4-methyl-m-phenylenediamine	100 ppm	
97-56-3	o-aminoazotoluene	100 ppm	
99-55-8	5-nitro-o-toluidine	100 ppm	
<b>Dyes – Navy Blue Colourant</b>			
118685-33-9	Component 1: C39H23ClCrN7O12S·2Na	100 ppm	LC
Not Allocated	Component 2: C46H30CrN10O20S2·3Na	150 ppm	
<b>Dyes – Carcinogenic or Equivalent Concern</b>			
1937-37-7	C.I. Direct Black 38	150 ppm	LC
2602-46-2	C.I. Direct Blue 6	150 ppm	
3761-53-3	C.I. Acid Red 26	150 ppm	
569-61-9	C.I. Basic Red 9	150 ppm	
573-58-0	C.I. Direct Red 28	150 ppm	
632-99-5	C.I. Basic Violet 14	150 ppm	
2475-45-8	C.I. Disperse Blue 1	150 ppm	
2475-46-9	C.I. Disperse Blue 3	150 ppm	
2580-56-5	C.I. Basic Blue 26 (with Michler's Ketone > 0.1%)	150 ppm	
569-64-2	C.I. Basic Green 4 (malachite green chloride)	150 ppm	
2437-29-8	C.I. Basic Green 4 (malachite green oxalate)	150 ppm	

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
10309-95-2	C.I. Basic Green 4 (malachite green)	150 ppm	
82-28-0	Disperse Orange 11	150 ppm	
<b>Dyes – Disperse (Sensitizing)</b>			
119-15-3	Disperse Yellow 1	150 ppm	LC
12222-97-8	Disperse Blue 102	150 ppm	
12223-01-7	Disperse Blue 106	150 ppm	
12236-29-2	Disperse Yellow 39	150 ppm	
13301-61-6	Disperse Orange 37/59/76	150 ppm	
23355-64-8	Disperse Brown 1	150 ppm	
2581-69-3	Disperse Orange 1	150 ppm	
2832-40-8	Disperse Yellow 3	150 ppm	
2872-48-2	Disperse Red 11	150 ppm	
2872-52-8	Disperse Red 1	150 ppm	
3179-89-3	Disperse Red 17	150 ppm	
3179-90-6	Disperse Blue 7	150 ppm	
3860-63-7	Disperse Blue 26	150 ppm	
54824-37-2	Disperse Yellow 49	150 ppm	
12222-75-2	Disperse Blue 35	150 ppm	
61951-51-7	Disperse Blue 124	150 ppm	
6373-73-5	Disperse Yellow 9	150 ppm	
730-40-5	Disperse Orange 3	150 ppm	
56524-77-7	Disperse Blue 35	150 ppm	
<b>Flame Retardants</b>			
115-96-8	Tris(2-chloroethyl)phosphate (TCEP)	150 ppm	GC-MS
1163-19-5	Decabromodiphenyl ether (DecaBDE)	150 ppm	
126-72-7	Tris(2,3,-dibromopropyl)-phosphate (TRIS)	150 ppm	
32534-81-9	Pentabromodiphenyl ether (PentaBDE)	150 ppm	
32536-52-0	Octabromodiphenyl ether (OctaBDE)	150 ppm	
5412-25-9	Bis(2,3-dibromopropyl)phosphate (BIS)	150 ppm	
545-55-1	Tris(1-aziridiny)phosphine oxide) (TEPA)	150 ppm	
59536-65-1	Polybromobiphenyls (PBB)	150 ppm	

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
79-94-7	Tetrabromobisphenol A (TBBPA)	150 ppm	GC-MS
3194-55-6	Hexabromocyclodecane (HBCDD)	150 ppm	
3296-90-0	2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	150 ppm	
13674-87-8	Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	150 ppm	
85535-84-8	Short-chain chlorinated Paraffins (SCCP) (C10-C13)	50 ppm	GC-MS
<b>Glycols</b>			
111-96-6	Bis(2-methoxyethyl)-ether	50 ppm	High-performance liquid chromatography (HPLC), LC-MS
110-80-5	2-ethoxyethanol	50 ppm	
111-15-9	2-ethoxyethyl acetate	50 ppm	
110-71-4	Ethylene glycol dimethyl ether	50 ppm	
109-86-4	2-methoxyethanol	50 ppm	
110-49-6	2-methoxyethylacetate	50 ppm	
70657-70-4	2-methoxypropylacetate	50 ppm	
112-49-2	Triethylene glycol dimethyl ether	50 ppm	
<b>Halogenated solvents</b>			
107-06-2	1,2-dichloroethane	5 ppm	GC-MS
75-09-2	Methylene chloride	5 ppm	
79-01-6	Trichloroethylene	40 ppm	
127-18-4	Tetrachloroethylene	5 ppm	
<b>Organotin Compounds</b>			
Multiple	Dibutyltin (DBT)	20 ppm	GC-MS, low resolution mass spectrometry (LRMS)
Multiple	Mono-, di- and tri-methyltin derivatives	5 ppm	
Multiple	Mono-, di- and tri-butyltin derivatives	5 ppm	
Multiple	Mono-, di- and tri-phenyltin derivatives	5 ppm	
Multiple	Mono-, di- and tri-octyltin derivatives	5 ppm	

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>			
50-32-8	Benzo[a]pyrene (BaP)	20 ppm	GC-MS
120-12-7	Anthracene	Sum < 200 ppm	
129-00-0	Pyrene		
191-24-2	Benzo[ghi]perylene		
192-97-2	Benzo[e]pyrene		
193-39-5	Indeno[1,2,3-cd]pyrene		
205-82-3	Benzo[j]fluoranthene		
205-99-2	Benzo[b]fluoranthene		
206-44-0	Fluoranthene		
207-08-9	Benzo[k]fluoranthene		
208-96-8	Acenaphthylene		
218-01-9	Chrysene		
53-70-3	Dibenz[a,h]anthracene		
56-55-3	Benzo[a]anthracene		
83-32-9	Acenaphthene		
85-01-8	Phenanthrene		
86-73-7	Fluorene		
91-20-3	Naphthalene		
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs) (banned from use)</b>			
Multiple	Perfluorooctane sulfonate (PFOS) and related substances	SUM < 2 ppm	LC-MS
335-67-1	Perfluorooctanoic acid (PFOA)	2 ppm	
1691-99-2	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	2 ppm	
172155-07-6	Perfluoro-3,7-dimethylotanoic Acid (PF-3,7-DMOA)	2 ppm	
17527-29-6	1H,1H,2H,2H-perfluorooctylacrylate (6:2 FTA)	2 ppm	
17741-60-5	1H,1H,2H,2H-perfluorododecylacrylate (10:2 FTA)	2 ppm	
2058-94-8	Perfluoroundecanoic acid (PFUdA)	2 ppm	
27619-97-2	1H,1H,2H,2H-perfluorooctanesulphonic acid (1H,1H,2H,2H-PFOS)	2 ppm	
27905-45-9	1H,1H,2H,2H-perfluorodecylacrylate (8:2 FTA)	2 ppm	
307-55-1	Perfluorododecanoic acid (PFDoA)	2 ppm	

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
31506-32-8	N-methylperfluoro-1-octanesulfonamide (MeFOSA)	2 ppm	LC-MS
335-76-2	Perfluorodecanoic acid (PFDA)	2 ppm	
34598-33-9	2H,2H,3H,3H-perfluoroundecanoic Acid (H4PFUnA)	2 ppm	
375-95-1	Perfluorononanoic acid (PFNA)	2 ppm	
376-06-7	Perfluorotetradecanoic acid (PFTeA)	2 ppm	
4151-50-2	N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	2 ppm	
4234-23-5	perfluoroundecanoic acid (PFUnA)	2 ppm	
678-39-7	1H,1H,2H,2H-perfluoro-1-Decanol (8:2 FTOH)	2 ppm	
72629-94-8	perfluorotridecanoic acid (PFTrA)	2 ppm	
754-91-6	perfluorooctane sulfonamide (PFOSA)	2 ppm	
865-86-1	1H,1H,2H,2H-perfluoro-1-Dodecanol (10:2 FTOH)	2 ppm	
No CAS available	7H-dodecanefluoroheptane Acid	2 ppm	
No CAS available	2H,2H-perfluorodecane Acid	2 ppm	
No CAS available	1H,1H,2H,2H-perfluorooctanesulphonic acid	2 ppm	
<b>Short Chain PFCs (banned from use)</b>			
115-25-3	Perfluorocyclobutane- c-C4F8	2 ppm	
1546-95-8	7H-dodecafluoroheptanoate (HPFHpA)	2 ppm	
2043-47-2	1H,1H,2H,2H-perfluoro-1-Hexanol (4:2 FTOH)	2 ppm	
2706-90-3	Perfluoropentanoic acid (PFPA)	2 ppm	
307-24-4	Perfluoro-n-hexanoic acid (PFHxA)	2 ppm	
355-42-0	Perfluoropentane – C5F14	2 ppm	
355-46-4	Perfluorohexane sulphonates (PFHxS)	2 ppm	
375-22-4	Perfluorobutanoic acid (PFBA)	2 ppm	
375-73-5	Perfluorobutane (PFBS)	2 ppm	
375-85-9	Perfluoroheptanoic acid (PFHpA)	2 ppm	
375-92-8	Perfluoro-1-heptanesulfonic acid (PFHpS)	2 ppm	
647-42-7	1H,1H,2H,2H-perfluoro-1-octanol (6:2 FTOH)	2 ppm	

CAS No.	Substance	Maximum Contamination limit	General Techniques for Analysing Chemicals
<b>Phthalates – including all other esters of ortho-phthalic acid</b>			
117-81-7	Di(ethylhexyl) phthalate (DEHP)	Sum of all phthalates < 250 ppm	GC-MS
117-82-8	Bis(2-methoxyethyl) phthalate (DMEP)		
117-84-0	Di-n-octyl phthalate (DNOP)		
26761-40-0	Di-iso-decyl phthalate (DIDP)		
28553-12-0	Di-isononyl phthalate (DINP)		
84-75-3	Di-n-hexyl phthalate (DnHP)		
84-74-2	Dibutyl phthalate (DBP)		
85-68-7	Butyl benzyl phthalate (BBP)		
84-76-4	Dinonyl phthalate (DNP)		
84-66-2	Diethyl phthalate (DEP)		
131-16-8	Di-n-propyl phthalate (DPRP)		
84-69-5	Di-isobutyl phthalate (DIBP)		
84-61-7	Di-cyclohexyl phthalate (DCHP)		
27554-26-3	Di-iso-octyl phthalate (DIOP)		
68515-42-4	1,2-benzenedicarboxylic acid, di-C7-11-branched and linearalkyl esters (DHNUP)		
71888-89-6	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)		
<b>Total Heavy Metals</b>			
7440-38-2	Arsenic (As)	50 ppm	Inductively coupled plasma-optical emission spectrometry (ICP-OES), atomic absorption spectroscopy (AAS)
7440-43-9	Cadmium (Cd)	20 ppm	
7439-97-6	Mercury (Hg)	4 ppm	
7439-92-1	Lead (Pb)	100 ppm	
18540-29-9	Chromium (VI)	10 ppm	
<b>Volatile Organic Compounds (VOC)</b>			
71-43-2	Benzene	50 ppm	GC-MS
1330-20-7	Xylene	300 ppm	
95-48-7	o-cresol	300 ppm	
106-44-5	p-cresol	300 ppm	
108-39-4	m-cresol	300 ppm	