

N.	Test	Test Method
Chemical / Eco-toxicological Testing:		
1	Determination of ethoxylated alkylphenols. Part 1: Direct method <i>Nonylphenol Ethoxylates (NPEO); Octylphenol Ethoxylates (OPEO)</i>	ISO DIS 18218-1: 2013
	Determination of ethoxylated alkylphenols. Part 2: Indirect method <i>Octylphenol (OP); Nonylphenol (NP)</i>	ISO DIS 18218-2: 2013
2	Determination of Phthalates in footwear materials - <i>Di-Butyl Phthalate (DBP); Di(2-Ethyl Hexyl) Phthalate(DEHP), Benzyl Butyl Phthalate (BBP), Di-Iso-Nonyl Phthalate (DINP), Di-N-Octyl Phthalate (DNOP), Di-Iso-Decyl Phthalate (DIDP), Di-Iso-Butyl Phthalate (DIBP), Di-N-Hexyl Phthalate (DNHP), Di-(2-metossietil) Phthalate (DMEP), 1,2-Benzenedicarboxylic acid, di-C7,11-branched and linear alkyl esters (DHNU), Diisohexyl phthalate (DIHP), Dipentyl phthalate (DPP)</i>	UNI CEN ISO TS 16181: 2011
3	Determination of Brominated and Chlorinated Flame retardants - Polybrominated biphenyls (PBBs), Monobromo biphenyls (MonoBB), Dibromo biphenyls (DiBB), Tribromo biphenyls (TriBB), Tetrabromo biphenyls (TetraBB), Pentabromo biphenyls (PentaBB), Hexabromo biphenyls (HexaBB), Heptabromo biphenyls (HeptaBB), Octabromo biphenyls (OctaBB), Nonabromo biphenyls (NonaBB), Decabromo biphenyl (DecaBB), Polybrominated diphenyl ethers (PBDEs), Monobromo diphenyl ethers (MonoBDE), Dibromo diphenyl ethers (DiBDE), Tribromo diphenyl ethers (TriBDE), Tetrabromo diphenyl ethers (TetraBDE), Pentabromo diphenyl ethers (PentaBDE), Hexabromo diphenyl ethers (HexaBDE), Heptabromo diphenyl ethers (HeptaBDE), Octabromo diphenyl ethers (OctaBDE), Nonabromo diphenyl ethers (NonaBDE), Decabromo diphenyl ether (DecaBDE), Tris(2,3-Dibromopropyl)-Phosphate (TRIS), Tris(2-Chloroethyl) Phosphate (TCEP), Hexabromocyclododecane (HBCDD), Tetrabromo-bisphenol A (TBBPA)	Extraction with solvent + Determination by: GC-MS or LC-MS
4	Determination of certain AZO colorants in dyed leathers. Part 1: Determination of certain aromatic amines derived from azo colorants - 4-Aminodiphenyl, Benzidine, 4-Chloro-o-Toluidine, 2-Naphthylamine, o-Aminoazotoluene, 2-Amino-4-Nitrotoluene, p-Chloroaniline, 2,4-Diaminoanisole, 4,4'-Diaminodiphenylmethane, 3,3'-Dichlorobenzidine, 3,3'-Dimethoxybenzidine, 3,3'-Dimethylbenzidine, 3,3'-Dimethyl-4,4'diaminodiphenylmethane, p-Cresidine, 4,4'-Methylene-Bis(2-Chloroaniline), 4,4'-Oxydianiline, 4,4'-Thiodianiline, o-Toluidine, 2,4-Tolylenediamine, 2,4,5-Trimethylaniline, o-Anisidine, p-Aminoazobenzene, 2,4-Xylidine, 2,6-Xylidine	UNI EN ISO 17234-1: 2010
	Confirmation of 4-Aminoazobenzene by Determination of certain AZO colorants in dyed leathers. Part 2: determination of 4- aminoazobenzene	UNI EN ISO 17234-2: 2011
5	Determination of Organotin Compounds in footwear materials - Monobutyltin (MBT), Dibutyltin (DBT), Tributyltin (TBT), Triphenyltin (TPHT), Dioctyltin (DOT), Monooctyltin (MOT), Diphenyltin (DPHT), Tetrabutyltin (TeBT), TricyclohexylTin (TCyT), Tripropyltin (TPT), Tetraethyltin (TeET)	UNI CEN ISO TS 16179: 2012
6	Determination of extractable IONIC PFCS - Perfluorobutane sulfonate (PFBS), perfluorohexane sulfonate (PFHxS), perfluoroheptane sulfonate (PFHpS), perfluorooctane sulfonate (PFOS), perfluorodecane sulfonate (PFDS), perfluorobutanoate (PFBA), perfluoropentanoate (PFPA), perfluorohexanoate (PFHxA), perfluoroheptanoate (PFHpA), perfluorooctanoate (PFOA), perfluorononanoate (PFNA), perfluorodecanoate (PFDA), perfluoroundecanoate (PFUnA), perfluorododecanoate (PFDoA), perfluorotridecanoate (PFTrA), perfluorotetradecanoate (PFTeA), perfluorooctane sulfonamide (PFOSA), perfluoro-3,7-dimethyloctanoate (PF-3,7-DMOA), 7H-dodecafluoroheptanoate (HPFHpA), 2H,2H-perfluorodecanoate (H2PFDA), 2H,2H,3H,3H-perfluoroundecanoate (H4PFUnA), perfluorooctanesulfonyl fluoride (POSF), perfluoro-n-pentanoic acid (PFPeA), 1H,1H,2H,2H-Perfluorooctanesulphonic acid (1H,1H,2H,2H-PFOS)	UNI CEN TS 15968: 2010
	Determination of VOLATILE PFCS - 1H,1H,2H,2H-perfluorooctylacrylate (6:2 FTA), 1H,1H,2H,2H-perfluorodecylacrylate (8:2 FTA), 1H,1H,2H,2H-perfluorododecylacrylate (10:2 FTA), 1H,1H,2H,2H-perfluoro-1-hexanol (4:2 FTOH), 1H,1H,2H,2H-perfluoro-1-oktanol (6:2 FTOH), 1H,1H,2H,2H-perfluoro-1-decanol (8:2 FTOH), 1H,1H,2H,2H-perfluoro-1-dodecanol (10:2 FTOH), 2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE), 2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE), N-methylperfluoro-1-octanesulfonamide (MeFOSA), N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	Extraction with solvent + Determination by: GC-MS
7	Determination of chlorobenzenes - Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-Trichlorobenzene, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, Pentachlorobenzene, Hexachlorobenzene, 2-chlorotoluene, 3-chlorotoluene, 4-chlorotoluene, 2,3-dichlorotoluene, 2,4-dichlorotoluene, 2,5-dichlorotoluene, 2,6-dichlorotoluene, 3,4-dichlorotoluene, 2,3,6-trichlorotoluene, 2,4,5-trichlorotoluene, Tetrachlorotoluene, Pentachlorotoluene	Extraction with solvent + Determination by: GC-MS
8	Determination of other chlorinated solvents - Dichloromethane, Chloroform, Tetrachloromethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1,1-trichloroethane, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Pentachloroethane, 1,1-Dichloroethylene, Trichloroethylene, Tetrachloroethylene	Extraction with solvent + Determination by: GC-MS

9	Determination of chlorophenols - <i>Pentachlorophenol (PCP), Tetrachlorophenols (TeCP) [2,3,4,5-Tetrachlorophenol, 2,3,4,6-Tetrachlorophenol, 2,3,5,6-tetrachlorophenol], Trichlorophenols (TriCP) [2,4,6-trichlorophenol, 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 3,4,5-trichlorophenol], Dichlorophenols (DiCP) [2,3-dichlorophenol, 2,4-dichlorophenol, 2,5-dichlorophenol, 3, 4-dichlorophenol, 3, 5-dichlorophenol], Mono Chlorophenol</i>	UNI EN ISO 17070: 2007
10	Chromathographic method for Short Chain Chlorinated Paraffins (SCCP) - SCCP C10–13	ISO DIS 18219: 2013
11	Determination of chromium(VI) content	GB 29019 (metal, plastics) UNI EN ISO 17075: 2008 (others)
	Determination of metal content. Part 2: total metal content - Cadmium (Cd), Lead (Pb), Mercury (Hg), Arsenic (As)	UNI EN ISO 17072-2: 2011 (leather) UNI EN 14602: 2012 par. 4.1 + ISO 17294-2: 2003 (others)