



Rate schedule for third-party services - Laboratory di MOD&LS-

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Identification of Endocrine Disrupting Chemicals (EDCs)	Price list per service in €, excluding VAT
UPLC-MS/MS	
Identification di phenol [bisphenols, parabens]* in various types of matrices	200-600**/sample
Identification of Polycyclic aromatic hydrocarbons (PAHs)* in various types of matrices	200-600**/sample
Identification of polar pesticides: glyphosate and its metabolites* in various types of matrices	200-600**/sample
Identification of pyrethroids and chlorpyrifos [chlorpyrifos, cypermethrin and cyfluthrin]* in various types of matrices	200-600**/sample
Identification of phthalates [diesters, monoesters]* in various types of matrices	200-600**/sample
Identification of perfluoroalkyl substances (PFAS)* in various types of matrices	300-700**/sample
ICP_AES	
Identification of metals* in biological material	200/sample
Interpretation and analysis of the experimental data obtained.	120/h
Final report	500/report

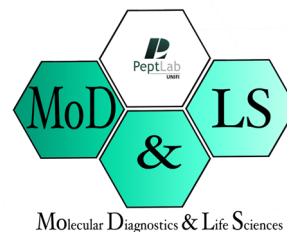
* For the detailed list of EDCs, see Table 1.

** The cost of the analysis for a single sample depends on the number of analyzed compounds and on the matrix.

Activities that are not covered by this price list will be subject to separate quotation.



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If the MoD&LS laboratory has direct involvement in the research project, personnel-related costs will not be charged.

A necessary condition for the acceptance of biological samples is that they are deemed suitable and accompanied by a document certifying their nature, origin, and including anamnesis information.

In particular, the document must certify the NON-BIOHAZARDOUS nature of the biological sample (hepatitis, HIV, whooping cough, etc.).

Samples to be subjected to multiple tests must be collected in adequate quantities.

The sample must be sent after prior agreement with MoD&LS laboratory and accompanied by a purchase order. The sample will not be returned

Firenze, 11 July, 2024



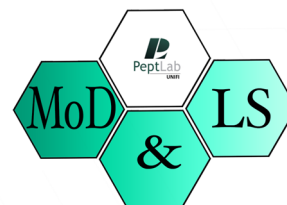
Table 1. Assessed or suspected endocrine disrupting chemicals.

Group	Chemical compound	Abbreviations	CAS number
Bisphenols	Bisphenol A 4,4'-(1-Methylethylidene)bisphenol	BPA	80-05-7
	Bisphenol S 4,4'-Sulfonylbisphenol	BPS	80-09-1
	Bisphenol F 4,4'-Methylenebisphenol	BPF	620-92-8
	Bisphenol F Bis(3-chloro-2-hydroxypropyl)ether 1-chloro-3-[4-[[4-(3-chloro-2-hydroxypropoxy)phenyl]methyl]phenoxy]propan-2-ol	BPFDE	374772-79-9
Parabens	Methylparaben Methyl 4-hydroxybenzoate	MePB	99-76-3
	Ethylparaben Ethyl 4-hydroxybenzoate	EtPB	120-47-8
	n-Propylparaben Propyl 4-hydroxybenzoate	PrPB	94-13-3
	iso-Propylparaben Propan-2-yl 4-hydroxybenzoate	iPrPB	4191-73-5
	n-Butylparaben Butyl 4-hydroxybenzoate	BuPB	94-26-8
	iso-Butylparaben 2-Methylpropyl 4-hydroxybenzoate	iBuPB	4247-02-3
	Benzylparaben Propyl 4-hydroxybenzoate	BzPB	94-18-8
Polycyclic aromatic hydrocarbons (PAHs)	Anthracene Anthracene	ANTHR	120-12-7
	Pyrene Pyrene	PYR	129-00-0
	Phenanthrene Phenanthrene	PHEN	85-02-8
	Chrysene Chrysene	CHRY	218-02-9
	Benz[a]anthracene Tetraphene	BAA	56-55-3
	Benzo[b]fluoranthene Benzo[e]acephenanthrylene	BKF	205-99-2
	Benzo[k]fluoranthene	BBF	207-08-9
	Benzo[a]pyrene Benzo[ghi]perylene	BAP	50-32-8
	Benzo[ghi]perylene Benzo[ghi]perylene	BGHIP	191-24-2
	Dibenz[a,h]anthracene Benzo[k]tetraphene	DAA	53-70-3
	Indeno[1,2,3-cd]pyrene Indeno[1,2,3-cd]pyrene	IND	193-39-5
Polar pesticides	Glyphosate 2-(Phosphonomethylamino)acetic acid	GLY	1071-83-6
	Glufosinate 2-Amino-4-[hydroxy(methyl)phosphoryl]butanoic acid	GLUF	51276-47-2
	AMPA (Aminomethyl)phosphonic acid	AMPA	1066-51-9
Pyrethroids and chlorpyr	Cypermethrin [cyano-(3-phenoxyphenyl)methyl] 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-1-carboxylate	CP	52315-07-8
	Cyfluthrin	CYFL	68359-37-5



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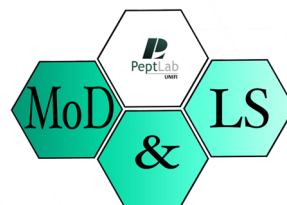
	[cyano-(4-fluoro-3-phenoxyphenyl)methyl] 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-1-carboxylate		
	Chlorpyrifos		
	Diethoxy-sulfanylidene-(3,5,6-trichloropyridin-2-yl)oxy-λ5-phosphane	CPS	2921-88-2
Phthalates	Dimethyl phthalate	DMP	131-11-3
	Dimethyl benzene-1,2-dicarboxylate		
	* Monomethyl phthalate 2-(Methoxycarbonyl)benzoic acid	MMP	4376-18-5
	Diethyl phthalate	DEP	84-66-2
	Diethyl benzene-1,2-dicarboxylate		
	* Monoethyl phthalate 2-(Ethoxycarbonyl)benzoic acid	MEP	2306-33-4
	Dibutyl phthalate	DBP	84-74-2
	Dibutyl benzene-1,2-dicarboxylate		
	# Mono-n-butyl phthalate 2-(Butoxycarbonyl)benzoic acid	MBP	131-70-4
	Butylbenzyl phthalate	BBP	85-68-7
	2-O-benzyl 1-O-butyl benzene-1,2-dicarboxylate		
	* Monobenzyl phthalate 2-[(Benzyloxy)carbonyl]benzoic acid	MBzP	2528-16-7
	Di(2-ethylexyl) phthalate	DEHP	117-81-7
	Di(2-ethylhexyl)benzene-1,2-dicarboxylate		
	* Mono(2-ethylexyl) phthalate 2-(2-Ethylhexoxycarbonyl)benzoic acid	MEHP	4376-20-9
	* Mono(2-ethyl-5-hydroxyhexyl) phthalate 2-(2-Ethyl-5-hydroxyhexoxycarbonyl)benzoic acid	MEHHP	40321-99-1
Perfluoroalkyl substances (PFAS)	* Mono(2-ethyl-5-oxohexyl) phthalate 2-(2-Ethyl-5-oxohexoxycarbonyl)benzoic acid	MEOHP	40321-98-0
	Di-n-octyl phthalate	DNOP	117-84-0
	Dioctyl benzene-1,2-dicarboxylate		
	* Monooctyl phthalate 2-(Octoxycarbonyl)benzoic acid	MnOP	5393-19-1
	2,2,3,3,4,4,4-heptafluorobutanoic acid	PFBA	375-22-4
	Perfluoro-n-butanoic acid		
	2,2,3,3,4,4,5,5,5-nonafluoropentanoic acid	PFPeA	2706-90-3
	Perfluoro-n-pentanoic acid		
	2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid	PFHxA	307-24-4
	Perfluoro-n-hexanoic acid		
	2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanoic acid	PFPHpA	375-85-9
	Perfluoro-n-heptanoic acid		
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid	PFOA	335-67-1
	Perfluoro-n-octanoic acid		
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorodecanoic acid	PFNA	375-95-1
	Perfluoro-n-nonanoic acid		
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluorodecanoic acid	PFDA	335-76-2
	Perfluoro-n-decanoic acid		
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-henicosafuoroundecanoic acid Perfluoro-n-undecanoic acid	PFUnDA	2058-94-8
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-tricosafluorododecanoic acid Perfluoro-n-dodecanoic acid	PFDoDA	307-55-1
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13-pentacosafuorotridecanoic acid	PFTTrDA	72629-94-8
	Perfluoro-n-tridecanoic acid		
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-heptacosafuorotetradecanoic acid	PFTreDA	376-06-7
	Perfluoro-n-tetradecanoic acid		



	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonic acid Perfluoro-1 butanesulphonamide	PFBS	375-73-5
	1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonic acid Perfluoropentanesulphonic acid	PFPeS	2706-91-4
	1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonic acid Perfluorohexanesulphonic acid	PFHxS	355-46-4
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonic acid Perfluoroheptanesulphonic acid	PFHpS	375-92-8
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonic acid Perfluorooctanesulphonic acid	PFOS	1763-23-1
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluorononane-1-sulfonic acid Perfluorononanesulfonic acid	PFNS	68259-
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,11,11,12,12,12-pentacosafuorododecane-1-sulfonic acid Perfluorododecanenesulfonic acid	PFDS	79780-39-5
	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	GenX (HFPO-DA)	13252-13-6
	2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoic acid 4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
	2-(6-chloro-1,1,2,2,3,3,4,4,5,5,6,6-dodecafluorohexoxy)-1,1,2,2-tetrafluoroethanesulfonic acid Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid)	9Cl-PF3ONS	756426-58-1
	2-(8-chloro-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluorooctoxy)-1,1,2,2-tetrafluoroethanesulfonic acid 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUs	763051-92-9
	1H,1H,2H,2H-Perfluorohexanesulphonic acid 3,3,4,4,5,5,6,6,6-nonafluorohexane-1-sulfonic acid	4 :2 FTS	757124-72-4
	1H,1H,2H,2H-perfluorooctanesulfonic acid 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	6:2 FTS	27619-97-2
	31H,1H,2H,2H-Perfluorodecanesulfonic acid 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecane-1-sulfonic acid	8 :2 FTS	39108-34-4
	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonamide Perfluorobutane Sulfonamide	FBSA	30334-69-1
	Perfluorooctanesulfonamide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonamide	FOSA	754-91-6
Metals	Aluminum	Al	7429-90-5
	Arsenic	As	7440-38-2
	Barium	Ba	7440-39-3
	Bismuth	Bi	7440-69-9
	Cadmium	Cd	7440-43-9
	Cobalt	Co	7440-48-4
	Chromium	Cr	7440-47-3
	Copper	Cu	7440-50-8
	Manganese	Mn	7439-96-5
	Molybdenum	Mo	7439-98-7
	Nickel	Ni	7440-02-0
	Lead	Pb	7439-92-1



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	Titanium	Ti	7440-32-6
	Thallium	Tl	7440-28-0
	Vanadium	V	7440-62-2
	Zinc	Zn	7440-66-6