



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

AM-S-W2501

Biological matrix : Serum Date of publication : 2029-10-07
Expiration date :

MATERIAL NUMBER	ANALYTE GROUPING	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
AM-S-W2501	Brominated flame retardants	PBDE IUPAC # 100	0.282	µg/L	0.0179	10
		PBDE IUPAC # 153	0.302	µg/L	0.0173	10
		PBDE IUPAC # 154	0.521	µg/L	0.0392	10
		PBDE IUPAC # 183	0.301	µg/L	0.0221	7
		PBDE IUPAC # 209	0.353	µg/L	0.0140	3
		PBDE IUPAC # 28	0.231	µg/L	0.0114	9
		PBDE IUPAC # 47	0.253	µg/L	0.0103	10
		PBDE IUPAC # 99	0.539	µg/L	0.0332	11
	Organochlorinated pesticides	Hexachlorobenzene	0.671	µg/L	0.0244	11
		Oxychlordane	0.314	µg/L	0.0239	8
		p,p'-DDE	1.21	µg/L	0.0232	13
		p,p'-DDT	0.271	µg/L	0.0175	12
		β-HCH	0.442	µg/L	0.0235	12
		trans-Nonachlor	0.496	µg/L	0.0210	11
		Heptachlor	0.272	µg/L	0.0202	6
		Heptachlor epoxide	0.304	µg/L	0.0312	6
		Dieldrin	1.02	µg/L	0.0198	7
		Mirex	1.19	µg/L	0.0671	8
		cis-Nonachlor	0.627	µg/L	0.0148	7
	PCB congeners	PCB IUPAC # 105	0.168	µg/L	0.00246	10
		PCB IUPAC # 118	0.579	µg/L	0.0173	14
		PCB IUPAC # 138	0.907	µg/L	0.0191	13
		PCB IUPAC # 153	0.343	µg/L	0.0123	12
		PCB IUPAC # 170	0.227	µg/L	0.0112	11
		PCB IUPAC # 180	0.710	µg/L	0.00979	13
		PCB IUPAC # 28	0.678	µg/L	0.0175	13
		PCB IUPAC # 74	0.394	µg/L	0.0203	10
		PCB IUPAC # 99	0.256	µg/L	0.0101	11
		PCB IUPAC # 52	0.529	µg/L	0.0127	12
		PCB IUPAC # 101	0.399	µg/L	0.0124	13
		PCB IUPAC # 183	0.810	µg/L	0.0271	10
		PCB IUPAC # 187	0.271	µg/L	0.0124	10

* Standard uncertainty (µx): characteristic of the dispersion of results used to calculate the assigned value; expressed in the same format as the standard deviation.



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

AM-S-W2501

Biological matrix : Serum

Date of publication :

Expiration date : 2029-10-07

Centre de toxicologie / INSPQ | 945, ave. Wolfe | Québec (Québec) G1V 5B3 | Canada
Tél. : (418) 650-5115, poste 4254 | Fax : (418) 654-2148 | Courriel : ctq@inspq.qc.ca | Site Web : www.inspq.qc.ca/ctq
Magasin virtuel : www.inspq.qc.ca/ctq/vente | Virtual store/reference material : www.inspq.qc.ca/ctq/sales