



Centre de toxicologie / INSPQ

Biological Reference Material

- Evaluation Report -

AM-S-W2402

Biological matrix : Serum Date of publication : 2028-10-11
Expiration date :

MATERIAL NUMBER	ANALYTE GROUPING	ANALYTE	ASSIGNED VALUE	UNIT	STANDARD UNCERTAINTY *	N
AM-S-W2402	Brominated flame retardants	PBDE IUPAC # 100	0.281	µg/L	0.00776	12
		PBDE IUPAC # 153	0.467	µg/L	0.0201	13
		PBDE IUPAC # 154	0.328	µg/L	0.0127	12
		PBDE IUPAC # 183	0.552	µg/L	0.0620	9
		PBDE IUPAC # 209	0.449	µg/L	0.0699	5
		PBDE IUPAC # 28	0.445	µg/L	0.0153	11
		PBDE IUPAC # 47	0.797	µg/L	0.0367	13
		PBDE IUPAC # 99	0.612	µg/L	0.0233	13
	Organochlorinated pesticides	Hexachlorobenzene	0.536	µg/L	0.0153	14
		Oxychlordane	0.617	µg/L	0.0308	12
		p,p'-DDE	2.29	µg/L	0.0581	17
		p,p'-DDT	0.924	µg/L	0.0367	14
		β-HCH	1.55	µg/L	0.0613	14
		trans-Nonachlor	1.33	µg/L	0.0300	14
		Heptachlor	0.397	µg/L	0.0158	7
		Heptachlor epoxide	0.805	µg/L	0.0631	9
		Dieldrin	0.310	µg/L	0.0375	8
		Mirex	0.897	µg/L	0.0347	10
		cis-Nonachlor	1.10	µg/L	0.0663	7
	PCB congeners	PCB IUPAC # 105	0.385	µg/L	0.0186	12
		PCB IUPAC # 118	0.309	µg/L	0.00964	17
		PCB IUPAC # 138	0.793	µg/L	0.0471	10
		PCB IUPAC # 153	0.458	µg/L	0.0220	14
		PCB IUPAC # 170	0.674	µg/L	0.0270	12
		PCB IUPAC # 180	0.395	µg/L	0.0214	17
		PCB IUPAC # 28	0.900	µg/L	0.0320	16
		PCB IUPAC # 74	0.651	µg/L	0.0237	11
		PCB IUPAC # 99	0.466	µg/L	0.0125	11
		PCB IUPAC # 52	0.702	µg/L	0.0274	15
		PCB IUPAC # 101	0.867	µg/L	0.0381	16
		PCB IUPAC # 183	0.622	µg/L	0.0149	12
		PCB IUPAC # 187	1.04	µg/L	0.0583	12

* 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-W2402

Biological matrix : Serum

Date of publication :

Expiration date : 2028-10-11

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