

Feshwater sediment - Polybrominated biphenyl ether and hexabromocyclododecane

Art. ID ERM-CC537a
Unit 40 g
Deliverydetails No Dangerous Good /not restricted

Description

ERM-CC537a is available in amber glass bottles (sealed with a shrink film on the cap) containing about 40 g of sediment.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Mass Fraction (dry mass basis)	2,4,4'-Tribromodiphenyl ether (PBDE 28)	[41318-75-6]	0,28 ± 0,05	µg/kg		
Mass Fraction (dry mass basis)	2,2',4,4'-Tetrabromodiphenyl ether (PBDE 47)	[5436-43-1]	16,5 ± 1,8	µg/kg		
Mass Fraction (dry mass basis)	2,2',4,4',5-Pentabromodiphenyl ether (PBDE 99)	[60348-60-9]	34 ± 4	µg/kg		
Mass Fraction (dry mass basis)	2,2',4,4',6-Pentabromodiphenyl ether (PBDE 100)	[189084-64-8]	5,8 ± 0,6	µg/kg		
Mass Fraction (dry mass basis)	2,2',4,4',5,5'-Hexabromodiphenyl ether (PBDE 153)	[68631-49-2]	6,6 ± 0,9	µg/kg		
Mass Fraction (dry mass basis)	2,2',4,4',5,6'-Hexabromodiphenyl ether (PBDE 154)	[207122-15-4]	3,5 ± 0,5	µg/kg		
Mass Fraction (dry mass basis)	2,2',3,4,4',5',6-Heptabromodiphenyl ether (PBDE 183)	[207122-16-5]	1,41 ± 0,21	µg/kg		
Mass Fraction (dry mass basis)	Decabromodiphenyl ether (PBDE 209)	[1163-19-5]	7,8 ± 0,7	mg/kg		
Mass Fraction (dry mass basis)	alpha-Hexabromocyclododecane	[134237-50-6]	8,3 ± 1,6	µg/kg		
Mass Fraction (dry mass basis)	beta-Hexabromocyclododecane	[134237-51-7]	2,3 ± 0,5	µg/kg		
Mass Fraction (dry mass basis)	gamma-Hexabromocyclododecane	[134237-52-8]	60 ± 16	µg/kg		
Mass Fraction (air-dried basis)	Total Organic Carbon (TOC)		0,691	%		
Mass Fraction (air-dried basis)	Total sulfur		0,073	%		

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