

Freeze dried biota (clam, Gafrarium tumidum)

Art. ID	IAEA-451
Unit	20 g
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified mass fraction values PCB congeners (based on dry mass)	2,4,4'-Trichlorobipheny I (PCB 28)	[7012-37-5]	0,43 ± 0,07	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	[68194-09-2]	0,57 ± 0,16	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	[38379-99-6]	0,66 ± 0,17	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)	[37680-73-2]	1,69 ± 0,33	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,3,3',4',6-Pentachlorobiphenyl (PCB 110)	[38380-03-9]	0,73 ± 0,16	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	[31508-00-6]	0,94 ± 0,18	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',3,3',4,4'-Hexachlorobiphenyl (PCB 128)	[38380-07-3]	0,46 ± 0,11	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	[35065-28-2]	5,4 ± 1,1	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',3,4',5',6-Hexachlorobiphenyl (PCB 149)	[38380-04-0]	3,18 ± 0,77	µg/kg		
Certified mass fraction values PCB congeners (based on dry mass)	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	[35065-27-1]	10,9 ± 2,0	µg/kg		
Certified mass fraction	2,3,3',4,4',5-Hexachlor	[38380-08-4]	0,47 ± 0,15	µg/kg		

values PCB congeners (obiphenyl (PCB 156) based on dry mass)				
Certified mass fraction	2,2',3,3',4,4',5-Heptac	[35065-30-6]	3,32 ± 0,81	µg/kg
values PCB congeners (hlorobiphenyl (PCB 170) based on dry mass)				
Certified mass fraction	2,2',3,4,4',5,5'-Heptac	[35065-29-3]	7,1 ± 1,3	µg/kg
values PCB congeners (hlorobiphenyl (PCB 180) based on dry mass)				
Certified mass fraction	2,2',3,4,4',5',6-Heptac	[52663-69-1]	1,63 ± 0,39	µg/kg
values PCB congeners (hlorobiphenyl (PCB 183) based on dry mass)				
Certified mass fraction	2,2',3,4',5,5',6-Heptac	[52663-68-0]	4,08 ± 0,76	µg/kg
values PCB congeners (hlorobiphenyl (PCB 187) based on dry mass)				
Certified mass fraction	2,2',3,3',4,4',5,5'-Oct	[35694-08-7]	1,61 ± 0,34	µg/kg
values PCB congeners (achlorobiphenyl (PCB 194) based on dry mass)				
Certified mass fraction	Hexachlorobenzene	[118-74-1]	0,13 ± 0,04	µg/kg
values Chlorinated pesticides (based on dry mass)				
Certified mass fraction	4,4'-DDE	[72-55-9]	0,74 ± 0,17	µg/kg
values Chlorinated pesticides (based on dry mass)				
Certified mass fraction	4,4'-DDD	[72-54-8]	0,63 ± 0,14	µg/kg
values Chlorinated pesticides (based on dry mass)				
Certified mass fraction	Dieldrin	[60-57-1]	1,89 ± 0,55	µg/kg
values Chlorinated pesticides (based on dry mass)				
Certified mass fraction	trans-Chlordane	[5103-74-2]	0,33 ± 0,07	µg/kg
values Chlorinated pesticides (based on dry mass)				
Certified mass fraction	2,2',4,4',5-Pentabromod	[60348-60-9]	0,49 ± 0,13	µg/kg

values PBDE congeners (based on dry mass)	iphenyl ether (BDE 99)			
Certified mass fraction	Phenanthrene	[85-01-8]	18,8 ± 4,8	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Fluoranthene	[206-44-0]	52,2 ± 9,4	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Pyrene	[129-00-0]	40,3 ± 7,2	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Chrysene	[218-01-9]	30,0 ± 5,6	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Benzo(a)anthracene	[56-55-3]	18,3 ± 3,2	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Benzo(b)fluoranthene	[205-99-2]	34,6 ± 6,9	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Benzo(k)fluoranthene	[207-08-9]	17,4 ± 5,5	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Benzo(e)pyrene	[192-97-2]	23,7 ± 6,3	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				
Certified mass fraction	Benzo(a)pyrene	[50-32-8]	18,8 ± 4,1	µg/kg
values Polycyclic Aromatic Hydrocarbons (based on dry mass)				

Certified mass fraction values Polycyclic Aromatic Hydrocarbons (based on dry mass)	Benzo(g,h,i)perylene	[191-24-2]	19,7 ± 4,3	µg/kg
Certified mass fraction values Polycyclic Aromatic Hydrocarbons (based on dry mass)	Indeno(1,2,3-cd)pyrene	[193-39-5]	24,0 ± 6,1	µg/kg
Certified mass fraction values Polycyclic Aromatic Hydrocarbons (based on dry mass)	Dibenz(a,h)anthracene	[53-70-3]	5,0 ± 1,5	µg/kg