

Dogfish liver - Trace elements

Art. ID	NRC-DOLT-5
Unit	20 g
Deliverydetails	No Dangerous Good /not restricted

Description

||a: Isotope dilution inductively-coupled plasma mass spectrometry (ID-ICP-MS) || b: Standard addition inductively-coupled plasma mass spectrometry (ICP-MS) || c: Inductively-coupled plasma atomic emission spectroscopy (ICP-AES) || d: Inductively-coupled plasma mass spectrometry (ICP-MS) || e: Cold-vapour atomic emission spectroscopy (CV-AAS) || f: Isotope dilution gas chromatography ICP-MS (ID-GC-ICP-MS) ||

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value, (b,d)	Arsenic (As)	[7440-38-2]	34,6 ± 2,4	mg/kg		
Certified value, (a,d)	Cadmium (Cd)	[7440-43-9]	14,5 ± 0,6	mg/kg		
Certified value, (c)	Calcium (Ca)	[7440-70-2]	550 ± 80	mg/kg		
Certified value, (b,d)	Cobalt (Co)	[7440-48-4]	0,267 ± 0,026	mg/kg		
Certified value, (a,c,d)	Copper (Cu)	[7440-50-8]	35,0 ± 2,4	mg/kg		
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Certified value, (a,c,d)	Iron (Fe)	[7439-89-6]	1070 ± 80	mg/kg		
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Certified value, (a,d)	Lead (Pb)	[7439-92-1]	0,162 ± 0,032	mg/kg		
Certified value, (c)	Magnesium (Mg)	[7439-95-4]	940 ± 100	mg/kg		
Certified value, (a,e)	Mercury (Hg)	[7439-97-6]	0,44 ± 0,18	mg/kg		
Certified value, (a,d)	Molybdenum (Mo)	[7439-98-7]	1,41 ± 0,22	mg/kg		
Certified value, (c)	Potassium (K)	[7440-09-7]	14 400 ± 3000	mg/kg		
Certified value, (a,d)	Selenium (Se)	[7782-49-2]	8,3 ± 1,8	mg/kg		
Certified value, (a,d)	Silver (Ag)	[7440-22-4]	2,05 ± 0,08	mg/kg		
Certified value, (c)	Sodium (Na)	[7440-23-5]	9 900 ± 1600	mg/kg		
Certified value, (a,c,d)	Strontium (Sr)	[7440-24-6]	3,73 ± 0,26	mg/kg		
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Certified value, (a,d)	Tin (Sn)	[7440-31-5]	0,069 ± 0,036	mg/kg		
Certified value, (b,d)	Vanadium (V)	[7440-62-2]	0,51 ± 0,06	mg/kg		
Certified value, (a,c,d)	Zinc (Zn)	[7440-66-6]	105,3 ± 5,4	mg/kg		
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Reference value, (c,d)	Aluminium (Al)	[7429-90-5]	31,7 ± 4,2	mg/kg		
Reference value, (a,d)	Nickel (Ni)	[7440-02-0]	1,71 ± 0,56	mg/kg		
Reference value, (a,d)	Chromium (Cr)	[7440-47-3]	2,35 ± 0,58	mg/kg		
Reference value, (f)	Methylmercury (as Hg)		0,119 ± 0,058	mg/kg		
Reference value, (d)	Manganese (Mn)	[7439-96-5]	8,91 ± 0,70	mg/kg		

Information value, (d)	Antimony (Sb)	[7440-36-0]	0,013	mg/kg
Information value, (d)	Phosphorus (P)	[7723-14-0]	11500	mg/kg
Information value, (d)	Thallium (Tl)	[7440-28-0]	0,013	mg/kg
Information value, (d)	Uranium (U)	[7440-61-1]	0,082	mg/kg