

Trout muscle - Trace elements (Mercury in fish muscle)

Art. ID	ERM-CE101
Unit	10 g
Deliverydetails	No Dangerous Good /not restricted

Description

ERM-CE101 consists of 40 g of homogenised, heat-treated fish muscle contained in a glass jar fitted with a lid featuring an indicator of vacuum integrity /// ANALYTICAL METHODS USED FOR CERTIFICATION: , Atomic Fluorescence Spectrometry, Cold Vapour Atomic Absorption Spectrometry, Flame Atomic Absorption Spectrometry, Inductively Coupled Optical Emission Spectrometry, Inductively Coupled Plasma Mass Spectrometry, k0 Neutron Activation Analysis, Pyrolysis Atomic Absorption Spectrometry.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Mercury (Hg)	[7439-97-6]	0,0219 ± 0,0027	mg/kg		
Certified value	Arsenic (As)	[7440-38-2]	0,175 ± 0,017	mg/kg		
Certified value	Iron (Fe)	[7439-89-6]	3,1 ± 0,6	mg/kg		
Certified value	Manganese (Mn)	[7439-96-5]	0,108 ± 0,017	mg/kg		
Certified value	Selenium (Se)	[7782-49-2]	0,113 ± 0,011	mg/kg		
Certified value	Zinc (Zn)	[7440-66-6]	4,5 ± 0,6	mg/kg		
Indicative value	Nickel (Ni)	[7440-02-0]	0,051 ± 0,012	mg/kg	as obtained by ICP-MS measurement	Commission Regulation (EC) No 1881/2006