

## **Dark chocolate - Cd, Cu, Mn, Ni**

Art. ID	ERM-BD512
Unit	set of six vials
Deliverydetails	No Dangerous Good /not restricted

### Description

The sample consists of 6 chocolate pellets of about 0.5 g each packaged in individual brown glass vials within an aluminised sachet /// The minimum amount of sample to be used is 250 mg /// Analytical methods used for certification: Electro-thermal Atomic Absorption Spectrometry / Inductively Coupled Plasma Optical Emission Spectrometry / Inductively Coupled Plasma Quadrupole Mass Spectrometry / Isotope-Dilution Inductively Coupled Plasma Mass Spectrometry / Neutron Activation Analysis / Inductively Coupled Plasma Sector-Field Mass Spectrometry

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Cadmium (Cd)	[7440-43-9]	0,302 ± 0,013	mg/kg	measured by isotope dilution inductively coupled plasma mass spectrometry	
	Copper (Cu)	[7440-50-8]	14,3 ± 0,7	mg/kg		
	Manganese (Mn)	[7439-96-5]	15,7 ± 0,6	mg/kg		
	Nickel (Ni)	[7440-02-0]	3,01 ± 0,23	mg/kg		