

## Quality control material (QCM) - Industrial sandy-loam soil - Metals

Art. ID	AP-METRANAL-9
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

### Description

The property values were assigned in 5 - 25 experienced accredited laboratories (ISO 17025) by using validated analytical methods. The sample is stabilized by radiation (25 kGy).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Dry mass at 105 °C	Arsenic (As)	[7440-38-2]	16	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )	
Dry mass at 105 °C	Barium (Ba)	[7440-39-3]	174	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )	
Dry mass at 105 °C	Beryllium (Be)	[7440-41-7]	2,01	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )	
Dry mass at 105 °C	Calcium (Ca)	[7440-70-2]	5561	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )	
Dry mass at 105 °C	Cadmium (Cd)	[7440-43-9]	1,3	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995	

Dry mass at 105 °C	Cobalt (Co)	[7440-48-4]	12,3	mg/kg	) Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Chromium (Cr)	[7440-47-3]	106	mg/kg	) Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Copper (Cu)	[7440-50-8]	26	mg/kg	) Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Manganese (Mn)	[7439-96-5]	511	mg/kg	) Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Molybdenum (Mo)	[7439-98-7]	1,4	mg/kg	) Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Nickel (Ni)	[7440-02-0]	40	mg/kg	) Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Lead (Pb)	[7439-92-1]	33,3	mg/kg	) Aqua regia

					extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Tin (Sn)	[7440-31-5]	< 5	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Vanadium (V)	[7440-62-2]	49,9	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )
Dry mass at 105 °C	Zinc (Zn)	[7440-66-6]	114	mg/kg	Aqua regia extractio n accordin g to ISO 1 1466 (1995 )