

## **Contaminated clay loam soil - Extractable**

Art. ID	LGC6145
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

### Description

LGC6145 is a contaminated clay – loam soil sourced from the Czech Republic. It has been produced to meet the demands of laboratories seeking to validate methods for accreditation to the UK Environment Agency's MCERTS soil testing scheme or similar schemes worldwide. Indicative value for Acenaphthene, Fluorene, Fluoranthene, Pyrene, Benzo(a)anthracene, Benzo(k)fluoranthene, Benzo(a)pyrene, Dibenzo(a,h)anthracene, Benzo(ghi)perylene, Easily liberated cyanide and Total cyanide, Total sulfur, Al<sub>2</sub>O<sub>3</sub>, CaO, Fe<sub>2</sub>O<sub>3</sub>, K<sub>2</sub>O, MgO, SO<sub>3</sub>, SiO<sub>2</sub>, TiO<sub>2</sub>, Soil textural class (UK), Loss on drying, pH, Loss on ignition, Quartz SiO<sub>2</sub>, Kaoline clay, Muscovite clay.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Arsenic (As)	[7440-38-2]	38,7	mg/kg		
Certified value	Cadmium (Cd)	[7440-43-9]	0,65	mg/kg		
Certified value	Chromium (Cr)	[7440-47-3]	47,6	mg/kg		
Certified value	Copper (Cu)	[7440-50-8]	62,2	mg/kg		
Certified value	Nickel (Ni)	[7440-02-0]	39	mg/kg		
Certified value	Lead (Pb)	[7439-92-1]	45,1	mg/kg		
Certified value	Selenium (Se)	[7782-49-2]	1,81	mg/kg		
Certified value	Vanadium (V)	[7440-62-2]	53,9	mg/kg		
Certified value	Zinc (Zn)	[7440-66-6]	137	mg/kg		
Assessed value	Naphthalene	[91-20-3]	9,3	mg/kg		
Assessed value	Acenaphthylene	[208-96-8]	0,79	mg/kg		
Assessed value	Phenanthrene	[85-01-8]	325	mg/kg		
Assessed value	Anthracene	[120-12-7]	8,4	mg/kg		
Assessed value	Chrysene	[218-01-9]	45	mg/kg		
Assessed value	Benzo(b)fluoranthene	[205-99-2]	12	mg/kg		
Assessed value	Indeno(1,2,3-cd)pyrene	[193-39-5]	0,97	mg/kg		
Assessed value	Water soluble chloride		65	mg/kg		
Assessed value	Water soluble sulfate		5,3	g/L		