

Soil containing lead from paint - Trace elements

Art. ID	NIST-2587
Unit	55 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for use in the evaluation of methods and for the calibration of apparatus used to determine lead and other trace elements in soil. NIST-2587 is composed of soil samples collected from a suburban garden known to have been contaminated by lead-based house paint. All values are reported as mass fractions, on a dry mass basis and are based on measurements using a sample mass of at least 200 mg. A unit consists of approximately 55 g of material with a particle size of <75 µm (200 mesh). Indicative values for a wide range of additional elements. Certified values /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
dry-mass basis	Arsenic (As)	[7440-38-2]	13,7 ± 2,3	mg/kg		
dry-mass basis	Cadmium (Cd)	[7440-43-9]	1,92 ± 0,23	mg/kg		
dry-mass basis	Chromium (Cr)	[7440-47-3]	92 ± 11	mg/kg		
dry-mass basis	Lead (Pb)	[7439-92-1]	3242 ± 57	mg/kg		