

## **Soil containing lead from paint - Trace elements**

Art. ID	NIST-2586
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-2586 is a blended mixture of soil samples collected from urban areas where the principal source of lead is believed to be from old house lead-based 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]	8,7	mg/kg		
dry-mass basis	Cadmium (Cd)	[7440-43-9]	2,71	mg/kg		
dry-mass basis	Chromium (Cr)	[7440-47-3]	301	mg/kg		
dry-mass basis	Lead (Pb)	[7439-92-1]	432	mg/kg		