

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 | | |