

Coal (subituminous) - Trace elements

| | |
|-----------------|-----------------------------------|
| Art. ID | NIST-1635a |
| Unit | 50 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM®) is intended primarily for use in the evaluation of techniques used in the analysis of coals and materials of a similar matrix. A unit of NIST-1635a consists of 50 g of bituminous coal that was ground to pass a 250 µm (60 mesh) sieve, homogenized, bottled under an argon atmosphere, and sealed in an aluminized bag. /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|--------|--------|
| | Barium (Ba) | [7440-39-3] | 0,03578 ± 0,00091 | % | | |
| | Iron (Fe) | [7439-89-6] | 0,2472 ± 0,0022 | % | | |
| | Sodium (Na) | [7440-23-5] | 0,1031 ± 0,0078 | % | | |
| | Sulfur (S) | [7704-34-9] | 0,2909 ± 0,0080 | % | | |
| | Strontium (Sr) | [7440-24-6] | 0,0160 ± 0,0011 | % | | |
| | Antimony (Sb) | [7440-36-0] | 0,251 ± 0,036 | mg/kg | | |
| | Arsenic (As) | [7440-38-2] | 0,860 ± 0,019 | mg/kg | | |
| | Chromium (Cr) | [7440-47-3] | 3,56 ± 0,18 | mg/kg | | |
| | Cobalt (Co) | [7440-48-4] | 2,004 ± 0,044 | mg/kg | | |
| | Copper (Cu) | [7440-50-8] | 11,42 ± 0,74 | mg/kg | | |
| | Lead (Pb) | [7439-92-1] | 2,85 ± 0,37 | mg/kg | | |
| | Manganese (Mn) | [7439-96-5] | 6,69 ± 0,14 | mg/kg | | |
| | Mercury (Hg) | [7439-97-6] | 0,0836 ± 0,0064 | mg/kg | | |
| | Nickel (Ni) | [7440-02-0] | 5,37 ± 0,30 | mg/kg | | |
| | Rubidium (Rb) | [7440-17-7] | 1,226 ± 0,043 | mg/kg | | |
| | Selenium (Se) | [7782-49-2] | 0,662 ± 0,096 | mg/kg | | |
| | Thorium (Th) | [7440-29-1] | 1,299 ± 0,059 | mg/kg | | |
| | Uranium (U) | [7440-61-1] | 0,4792 ± 0,0090 | mg/kg | | |
| | Vanadium (V) | [7440-62-2] | 13,34 ± 0,59 | mg/kg | | |