

**Out of Stock - Item is not available at this time - San Joaquin soil - Trace and constituent elements (baseline)**

Art. ID                      NIST-2709a  
Unit                            50 g  
Deliverydetails            No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for use in the analysis of soils, sediments, or other materials of a similar matrix. One unit of NIST-2709a consists of 50 g of dried, powdered, agricultural soil. Certified values /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number  | Concentration/Value | Unit  | Method | Source |
|------------------|-------------------|-------------|---------------------|-------|--------|--------|
|                  | Aluminium (Al)    | [7429-90-5] | 7,37 ± 0,16         | %     |        |        |
|                  | Antimony (Sb)     | [7440-36-0] | 1,55 ± 0,06         | mg/kg |        |        |
|                  | Calcium (Ca)      | [7440-70-2] | 1,91 ± 0,09         | %     |        |        |
|                  | Barium (Ba)       | [7440-39-3] | 979 ± 28            | mg/kg |        |        |
|                  | Cadmium (Cd)      | [7440-43-9] | 0,371 ± 0,002       | mg/kg |        |        |
|                  | Chromium (Cr)     | [7440-47-3] | 130 ± 9             | mg/kg |        |        |
|                  | Cobalt (Co)       | [7440-48-4] | 12,8 ± 0,2          | mg/kg |        |        |
|                  | Iron (Fe)         | [7439-89-6] | 3,36 ± 0,07         | %     |        |        |
|                  | Lead (Pb)         | [7439-92-1] | 17,3 ± 0,1          | mg/kg |        |        |
|                  | Magnesium (Mg)    | [7439-95-4] | 1,46 ± 0,02         | %     |        |        |
|                  | Manganese (Mn)    | [7439-96-5] | 529 ± 18            | mg/kg |        |        |
|                  | Phosphorus (P)    | [7723-14-0] | 0,0688 ± 0,0013     | %     |        |        |
|                  | Potassium (K)     | [7440-09-7] | 2,11 ± 0,06         | %     |        |        |
|                  | Silicon (Si)      | [7440-21-3] | 30,3 ± 0,4          | %     |        |        |
|                  | Sodium (Na)       | [7440-23-5] | 1,22 ± 0,03         | %     |        |        |
|                  | Strontium (Sr)    | [7440-24-6] | 239 ± 6             | mg/kg |        |        |
|                  | Titanium (Ti)     | [7440-32-6] | 0,336 ± 0,007       | %     |        |        |
|                  | Vanadium (V)      | [7440-62-2] | 110 ± 11            | mg/kg |        |        |
|                  | Zirconium (Zr)    | [7440-67-7] | 195 ± 46            | mg/kg |        |        |