

**\*\*\* out of stock \*\*\* Portland cement - Constituents**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | NIST-1884b                        |
| Unit            | 5 vials x 4,5 g                   |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material® (SRM®) is intended primarily for the evaluation or calibration of methods for analysis of cements and materials of similar matrix. A unit of SRM 1884b consists of five sealed vials, each containing approximately 4.5 g of portland cement ground to pass through a 75 µm (No. 200) sieve. Indicative values for LOI (Loss on Ignition, ZnO, Cl, sulfide sulfur, insoluble residue, free CaO, fluoride (F-). /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter              | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|--------------------------------|-------------|---------------------|------|--------|--------|
|                  | SiO <sub>2</sub>               |             | 19,3                | %    |        |        |
|                  | Al <sub>2</sub> O <sub>3</sub> |             | 4,851               | %    |        |        |
|                  | Fe <sub>2</sub> O <sub>3</sub> |             | 2,937               | %    |        |        |
|                  | CaO                            |             | 61,31               | %    |        |        |
|                  | MgO                            | [1309-48-4] | 4,74                | %    |        |        |
|                  | SO <sub>3</sub>                |             | 4,034               | %    |        |        |
|                  | Na <sub>2</sub> O              |             | 0,278               | %    |        |        |
|                  | K <sub>2</sub> O               |             | 0,957               | %    |        |        |
|                  | TiO <sub>2</sub>               |             | 0,2651              | %    |        |        |
|                  | P <sub>2</sub> O <sub>5</sub>  |             | 0,0965              | %    |        |        |
|                  | Mn <sub>2</sub> O <sub>3</sub> |             | 0,075               | %    |        |        |
|                  | Cr <sub>2</sub> O <sub>3</sub> |             | 0,00791             | %    |        |        |
|                  | SrO                            |             | 0,0258              | %    |        |        |