

Out of Stock - Item is not available at this time - Respirable cristobalite on filter media, 5 - 250

| | |
|-----------------|-----------------------------------|
| Art. ID | NIST-2960 |
| Unit | 30 filters plus 30 blanks |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM®) is intended primarily for the calibration of X-ray diffraction (XRD) spectrometers for the determination of respirable cristobalite using National Institute for Occupational Safety and Health (NIOSH) Method 7500, or the equivalent. The SRM was produced by depositing a known amount of NIST-1879a Respirable Cristobalite as a slurry on a 25 mm diameter polyvinyl chloride (PVC) filter. Each unit of NIST-2960 consists of one unit each of SRMs 2961, 2962, 2963, 2964, 2965, and 2966, each unit of SRMs 2961, 2962, 2963, 2964, 2965, and 2966 consists of five blank PVC filters containing no cristobalite and five loaded PVC filters containing a known mass of respirable cristobalite. The blank filters and the loaded filters are stored in two clear plastic petri dishes, respectively, with blue spacer sheets separating the filters. Certified values /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|------------|---------------------|------|--------|--------|
| NIST-2961 | Cristobalite Mass | | 4,84 ± 0,76 | ?g | | |
| NIST-2962 | Cristobalite Mass | | 9,5 ± 1,1 | ?g | | |
| NIST-2963 | Cristobalite Mass | | 18,5 ± 1,5 | ?g | | |
| NIST-2964 | Cristobalite Mass | | 45,8 ± 2,1 | ?g | | |
| NIST-2965 | Cristobalite Mass | | 92,8 ± 6,2 | ?g | | |
| NIST-2966 | Cristobalite Mass | | 234 ± 7 | ?g | | |