

Titanium Dioxide Nanomaterial

| | |
|-----------------|-----------------------------------|
| Art. ID | NIST-1898 |
| Unit | 15 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM®) is intended primarily for use as a benchmark and investigative tool for evaluation of the potential environmental, health, and safety risks that may be associated with manufactured nanomaterials during their product life-cycle. This SRM is also intended for use in the calibration and performance testing of gas sorption instruments used for determining the Brunauer-Emmet-Teller (BET) specific surface area of powders and porous solids. A unit of NIST-1898 consists of an amber glass bottle containing nominally 15 g of mixed-phase (anatase and rutile) nanocrystalline titanium dioxide (TiO₂) in the form of a dry agglomerated powder.
/// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------------|-------------------|------------|---------------------|-------------------|--------|--------|
| Measurement Technique: | | | 55.55 ± 0.70 | m ² /g | | |
| MP | | | | | | |
| Measurement Technique: | | | 53.85 ± 0.78 | m ² /g | | |
| SP | | | | | | |