

Out of Stock - Item is not available at this time - Magnetic moment standard yttrium iron garnet sphere

Art. ID NIST-2853
Unit ea
Deliverydetails No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended for use in the calibration of magnetometers (such as vibrating sample magnetometers) used in the measurement of the magnetic properties of materials. NIST-2853 consists of a yttrium iron garnet (YIG) sphere with a nominal diameter of 1 mm and a nominal mass 2.8 mg. The NIST-2853 lot was produced by grinding pure (99.5 %), single-crystal YIG into spheres. /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|--|------------|---------------------|---------------------|--------|--------|
| | Specific magnetization, ?, at 298 K | | 27,6 ± 0,1 | Am ² /kg | | |