

Hydroxyapatite - Physical and chemical properties of apatites

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|-----------------|-----------------------------------|
| Art. ID | NIST-2910b |
| Unit | 2 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

This Standard Reference Material (SRM) is intended for use in evaluating the physical and chemical properties of apatites with biological, geological or synthetic origins. The calcium to phosphorus (Ca/P) molar ratio for SRM 2910b is consistent with the theoretical Ca/P molar ratio of 1.67 for hydroxyapatite and a compositional formula of $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$. /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
| | Calcium (Ca) | [7440-70-2] | 39,24 | % | | |
| | Phosphorus (P) | [7723-14-0] | 18,09 | % | | |
| | Ca/P ratio | | 1,676 | | | |