

Technical Specification

PRODUCT : Boric acid RPE For analysis ISO - ACS - Reag.Ph.Eur. - Reag.USP

CODE : 402760

MOLECULAR WEIGHT :61,83

CAS N° : 10043-35-3

FORMULA : H3BO3

| TEST | U.M. | SPECIFICATION |
|----------------------------|----------|--------------------------|
| Description | - | White crystalline powder |
| Identification | - | Positive |
| Appearance of solution | - | Conform |
| Alcohol solubility | - | Conform |
| Organic substances | - | Conform |
| pH sol. 3.3% | - | 3.8 - 4.8 |
| Loss on drying | % | <= 0.5 |
| Insoluble in methanol | ppm | <= 50 |
| Non volatile with methanol | ppm | <=500 |
| Chloride | ppm | <=10 |
| Phosphate | ppm | <=10 |
| Sulfate | ppm | <=100 |
| Heavy metals (as Pb) | ppm | <=10 |
| Ca | ppm | <=50 |
| Fe | ppm | <=10 |
| Assay (acidimetric) | % (d.s.) | 99.5 - 100.5 |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
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