

Specification

**Boric Acid for analysis, ACS, ISO**

**131015**

|                              |   |
|------------------------------|---|
| <b>Solubility:</b>           | 50 g/L (H <sub>2</sub> O)   |
| <b>Physical Description:</b> | Solid   |
| <b>Product Code:</b>         | 131015  |
| <b>Product Name:</b>         | Boric Acid for analysis, ACS, ISO   |
| <b>Specifications:</b>       | <p>Assay (titr.): min. 99.8 %</p> <p>Insoluble matter in H<sub>2</sub>O: max. 0.005 %</p> <p>Residue on ignition (as SO<sub>4</sub>) (CH<sub>3</sub>OH + HCl): max. 0.05 %</p> <p>Heavy metals (as Pb): max. 0.0005 %</p> <p>Insoluble matter in CH<sub>3</sub>OH: max. 0.005 %</p> <p>Chloride: max. 0.0005 %</p> <p>Phosphate: max. 0.0005 %</p> <p>Sulfate: max. 0.002 %</p> <p>Ga: max. 0.0005 %</p> <p>Ge: max. 0.0005 %</p> <p>Ba: max. 0.0005 %</p> <p>In: max. 0.0005 %</p> <p>Zr: max. 0.0005 %</p> <p>Au: max. 0.0005 %</p> <p>Be: max. 0.0005 %</p> <p>Bi: max. 0.0005 %</p> <p>Pt: max. 0.0005 %</p> <p>Sb: max. 0.0005 %</p> <p>Si: max. 0.0005 %</p> <p>As: max. 0.00005 %</p> <p>Ca: max. 0.002 %</p> <p>Fe: max. 0.0001 %</p> <p>K: max. 0.005 %</p> <p>Pb: max. 0.0005 %</p> <p>Sn: max. 0.0005 %</p> <p>Al: max. 0.0005 %</p> |


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 DRESDEFF508 • Finanzamt Darmstadt 07 228 16476 • Register court Darmstadt HRB Nr. 7340

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|--------------------------|---|
|                          | <p>Cd: max. 0.0005 %<br/>         Cr: max. 0.0005 %<br/>         Mn: max. 0.0005 %<br/>         Ni: max. 0.0005 %<br/>         Sr: max. 0.0005 %<br/>         Tl: max. 0.0005 %<br/>         Zn: max. 0.0005 %<br/>         Ag: max. 0.0005 %<br/>         Co: max. 0.0005 %<br/>         Cu: max. 0.0005 %<br/>         Mg: max. 0.0005 %<br/>         Mo: max. 0.0005 %<br/>         Ti: max. 0.0005 %<br/>         V: max. 0.0005 %<br/>         Li: max. 0.0005 %</p> |
| <b>Hazard pictograms</b> |   |
| <b>WGK:</b>              | 1   |
| <b>Storage:</b>          | RT  |
| <b>Signal Word:</b>      | Danger  |
| <b>GHS Symbols:</b>      | GHS08   |
| <b>H Phrases:</b>        | H360FD  |
| <b>P Phrases:</b>        | <p>P201<br/>         P280<br/>         P308+P313</p>  |
|                          |   |

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|                           |                                |
|---------------------------|--------------------------------|
| <b>Molecular Formula:</b> | H <sub>3</sub> BO <sub>3</sub> |
| <b>M:</b>                 | 61.83 g/mol                    |
| <b>CAS:</b>               | 10043-35-3                     |
| <b>EINECS:</b>            | 233-139-2                      |
| <b>CS:</b>                | 28100090                       |
| <b>Index Nr.:</b>         | 005-007-00-2                   |
|                           |                                |

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