

# Technical Specification

**PRODUCT : HYDROBROMIC ACID 48% RPE - For analysis - ACS - ISO**

**CODE : 402920**

**MOLECULAR WEIGHT :80.92**

**CAS N° : 10035-10-6**

**FORMULA : HBr**

| TEST                 | U.M. | SPECIFICATION       |
|----------------------|------|---------------------|
| Description          | -    | Yellow clear liquid |
| Identification       | -    | Positive            |
| Chloride             | ppm  | <= 200              |
| Total phosphorus     | ppm  | <= 2                |
| Iodide               | ppm  | <= 20               |
| Heavy metals (as Pb) | ppm  | <= 5                |
| Residue on ignition  | ppm  | <= 20               |
| Sulfate              | ppm  | <= 30               |
| As                   | ppm  | <= 0.5              |
| Fe                   | ppm  | <= 1                |
| Se                   | ppm  | <= 0.01             |
| Assay (acidimetric)  | %    | 47.0 - 49.0         |
| Cd                   | ppm  | <= 0.5              |
| Cu                   | ppm  | <= 0.5              |
| Pb                   | ppm  | <= 0.5              |
| Zn                   | ppm  | <= 0.5              |
| Sulfated ashes       | %    | <= 0.005            |

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