

Description

62% HBr solution is a corrosive, fuming yellow liquid.

Chemical formula: HBr
Molecular weight: 80.92

Applications

Inorganic and organic synthesis

Specifications

Appearance, visual yellow liquid
Concentration, argentimetry, wt % 61.5 - 64.5
Free bromine, colorimetry, mg/Kg ≤ 150
Chloride, argentimetry, mg/Kg ≤ 900
Iron, ICP, mg/Kg ≤ 2
Sulfate, turbidimetry, mg/Kg ≤ 10
Dry residue, mg/Kg ≤ 300

Physical Properties

Density, 20°C, g/cm³ (lbs/gal) 1.68 - 1.73 (14.0 - 14.4)
Boiling point, 760 mm Hg, °C (°F) 58 (136)

Shipping Information

Container Information

Available in 250 Kg high-density polyethylene-lined steel drums, shipped 3 drums per pallet and 25 ton lined truck.

Shipping Classification

Proper shipping name: Hydrobromic acid solution
Hazard classification: 8
ID number: UN1788 PG II
Placard: corrosive
Label: corrosive

Safety and Handling Information

For specific safety, handling and toxicity information, please refer to the current Material Safety Data Sheet.

Chemical Registration Numbers

CAS: 10035-10-6
EINECS: 233-113-0

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