

Product Specification

Product Name:

Hydriodic acid 57 wt.% in H₂O, stabilized, **PurReagent**

Product No.: PSR36832
Brand: PureSynth
CAS No.: 10034-85-2
Molecular Formula: HI
Molecular Weight: 127.91 g/mol



Test	Specification
Appearance	Colorless to yellow liquid
Titration by AgNO ₃ (% HI)	55.0 – 58.0 %
Titration by Na ₂ S ₂ O ₃ (% Free I ₂)	NMT 1.0 %
Silver (Ag)	NMT 1.1 ppm
Arsenic (As)	NMT 3.5 ppm
Barium (Ba)	NMT 0.1 ppm
Calcium (Ca)	NMT 0.4 ppm
Chromium (Cr)	NMT 0.1 ppm
Potassium (K)	NMT 5.6 ppm
Lead (Pb)	NMT 0.8 ppm
Iron (Fe)	NMT 1.0 ppm
Titanium (Ti)	NMT 0.1 ppm
Zinc (Zn)	NMT 0.1 ppm
Magnesium (Mg)	NMT 0.1 ppm
Antimony (Sb)	NMT 6.7 ppm
Sodium (Na)	NMT 1.6 ppm
Strontium (Sr)	NMT 0.1 ppm
Material stabilized with a maximum of 1.5% H ₃ PO ₂	Conforms

Specification: PR-1.0-QA/419

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com