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Product Specification

Product Name:

Hydriodic acid – contains $\leq 1.5\%$ hypophosphorous acid as stabilizer, ACS reagent, $\geq 47.0\%$

Product Number:

248649

MDL:

MFCD00011347

Formula:

HI

HI

Formula Weight:

127.91 g/mol

Storage Temperature:

2 - 8 °C

TEST

Specification

Appearance (Color)

Conforms to Requirements

Colorless to Yellow, Amber or Dark Brown

This material may darken upon standing.

Appearance (Form)

Liquid

Titration by AgNO₃ (% HI by TAG)

$\geq 47.0\%$

Chloride and Bromide

$\leq 0.05\%$

Iron

$\leq 0.001\%$

Heavy Metal (as Lead)

$\leq 0.001\%$

Stabilizer

$\leq 1.5\%$

Hypophosphorous Acid

Sulfate

$\leq 0.005\%$

Meets ACS Requirements

Current ACS Specification

Specification: PRD.1.ZQ5.10000074305

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.