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## Product Specification

Product Name:  
Hydriodic acid – contains No stabilizer, ACS reagent, 55%

Product Number: **398098**

MDL: MFCD00011347  
Formula: HI  
Formula Weight: 127.91 g/mol  
Storage Temperature: 2 - 8 °C

**HI**

TEST	Specification
Appearance (Color)	Conforms to Requirements
Colorless to Yellow, Amber or Dark Brown	
Appearance (Form)	Liquid
Titration by AgNO <sub>3</sub>	55.0 - 58.0 %
% HI	
Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	≤ 0.75 %
% Free Iodine	
Contains No Stabilizer	Confirmed
Residue on ignition (Ash)	≤ 0.01 %
Assay	≤ 0.05 %
Chloride and Bromide	
Iron (Fe)	≤ 0.001 %
Heavy Metal	≤ 0.001 %
as Lead	
Phosphate (PO <sub>4</sub> )	≤ 0.001 %
Sulfate (SO <sub>4</sub> )	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000011560

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](http://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.