

# Certificate of Analysis

## Hydriodic acid

57 wt.% in H<sub>2</sub>O, Stabilized

<b>Product Number</b>	PSR36832	<b>CAS No.</b>	10034-85-2
<b>Brand</b>	PureSynth	<b>Lot No.</b>	WOH06CS
<b>Molecular Formula</b>	HI	<b>Date of Mfg.</b>	June.2021
<b>Molecular Weight</b>	127.91 g/mol	<b>Date of Exp.</b>	May.2024

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance	Colourless to yellow liquid	Yellow liquid
Titration by AgNO <sub>3</sub> (% HI)	55.0 – 58.0 %	57.0 %
Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (% Free I <sub>2</sub> )	NMT 1.0 %	Conforms
Silver (Ag)	1.1 ppm	Conforms
Arsenic (As)	3.5 ppm	Conforms
Barium (Ba)	0.1 ppm	Conforms
Calcium (Ca)	0.4 ppm	Conforms
Chromium (Cr)	0.1 ppm	Conforms
Potassium (K)	5.6 ppm	Conforms
Lead (Pb)	0.8 ppm	Conforms
Iron (Fe)	1.0 ppm	Conforms
Titanium (Ti)	0.1 ppm	Conforms
Zinc (Zn)	0.1 ppm	Conforms

*This is a computer-generated report -does not required sign*

**Worldwide Helpline No.** 1800-120-1234-34 , Email: [info@pure-synth.com](mailto:info@pure-synth.com) , Website: [www.pure-synth.com](http://www.pure-synth.com)

Magnesium (Mg)	0.1 ppm	Conforms
Antimony (Sb)	6.7 ppm	Conforms
Sodium (Na)	1.6 ppm	Conforms
Strontium (Sr)	0.1 ppm	Conforms
Material stabilized with a maximum of 1.5% H <sub>3</sub> PO <sub>2</sub>	Conforms	Conforms

**Condition:** Store at 2-8°C and keep container tightly closed in a well-ventilated place.

**Remark:** The batch complies with the prescribed quality of the above specification.

Approved By  
Head - Technical