

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-29 11:12:53  
Date of Next Testing: 2026-05-28 11:12:53  
Product Name: **Hydriodic acid**  
CAS Number: 10034-85-2  
Specifications & Purity: contains no stabilizer, ACS reagent, 55%  
Lot #: E23161224  
SKU #: **H431153**  
**Analysis:** **202032**  
Storage Temperature: Store at 2-8°C

| Parameter                         | Limit Values                                    | Result  |
|-----------------------------------|---|---|
| Ignition Residue(Ash)             | 0-0.01 (%)                                      | 0.00 %  |
| Chloride and Bromide              | 0-0.05 (%)                                      | 0.01 %  |
| Iron(Fe)                          | 0-0.001 (%)                                     | 0.00 %  |
| Heavy Metals (as Lead)            | 0-0.001(%)                                      | 0.00000 %                                       |
| Sulfate(SO4)                      | 0-0.005 (%)                                     | 0.01100 %                                       |
| Titration by Na2S2O3(Free Iodine) | 0-0.75 (%)                                      | 0.28000 %                                       |
| Titration by AgNO3 (% HI)         | 55-58 (%)                                       | 57.13 %   |
| Phosphate(PO4)                    | 0-0.001 (%)                                     | 0.00100 %                                       |
| Appearance(H431153)               | Colorless to Yellow, Amber or Dark Brown Liquid | Colorless to Yellow, Amber or Dark Brown Liquid |
| Contains No Stabilizer            | Confirmed                                       | Confirmed                                       |



John Su  
QA & QC Manager