

## Certificate of Analysis

Date of Testing: 2025-05-15 15:01:59  
 Date of Next Testing: 2027-05-05 15:01:59  
 Product Name: **Iodoacetamide**  
 CAS Number: 144-48-9  
 Specifications & Purity: Moligand™, Ultra pure, ≥99%(NMR)  
 Lot #: E2512028  
 SKU #: **I131590**  
 Version: **0**  
 Analysis #: **360169**  
 Storage Temperature: Store at 2-8°C

| Parameter                                 | Limit Values                                  | Result                                        |
|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Lead(Pb)                                  | 0-0.001 (%)                                   | 0.00 %                                        |
| Chloride (Cl-)                            | 0-0.05 (ppm)                                  | 0.01 ppm                                      |
| Phosphorus (P)                            | 0-0.0005 (%)                                  | 0.00 %                                        |
| Potassium(K)                              | 0-0.005 (%)                                   | 0.00 %                                        |
| Sulfate(SO42-)                            | 0-0.05 (%)                                    | 0.00 %                                        |
| Magnesium(Mg)                             | 0-0.0005 (%)                                  | 0.00 %                                        |
| Insoluble matter                          | 0-0.1 (%)                                     | 0.04 %                                        |
| Zinc(Zn)                                  | 0-0.0005 (%)                                  | 0.00 %                                        |
| Copper(Cu)                                | 0-0.0005 (%)                                  | 0.00 %                                        |
| Calcium(Ca)                               | 0-0.0005 (%)                                  | 0.00 %                                        |
| Sodium(Na)                                | 0-0.05 (%)                                    | 0.02 %                                        |
| Aluminum(Al)                              | 0-0.0005 (%)                                  | 0.00 %                                        |
| Ammonia (NH4)                             | 0-0.05 (%)                                    | 0.00 %                                        |
| Purity(NMR)                               | 99-100 (%)                                    | 99.10 %                                       |
| Appearance (I131590)                      | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Identity by NMR                           | Conforms to Structure                         | Conforms to Structure                         |
| Solubility in H2O , Colorless Clear,0.5 M | pass                                          | Pass                                          |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager