

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-17 15:29:56  
 Date of Next Testing: 2026-09-16 15:29:56  
 Product Name: **Iodotrimethylsilane (TMIS)**  
 CAS Number: 16029-98-4  
 Specifications & Purity:  $\geq 97\%$ , stabilized with copper scrap  
 Lot #: K2525743  
 SKU #: **I100104**  
 Version: **1**  
 Analysis #: **669111**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged

| Parameter                        | Limit Values                                  | Result                                        |
|----------------------------------|-----------------------------------------------|-----------------------------------------------|
| Density ( $20^{\circ}\text{C}$ ) | 1.43-1.5                                      | 1.45000                                       |
| Purity (Argentmetric Titration)  | 97-100 (%)                                    | 98.30000 %                                    |
| Refractive index $n_{20/D}$      | 1.47-1.48                                     | 1.47600                                       |
| Appearance (I100104Form)         | Liquid                                        | Liquid                                        |
| Appearance (I100104Color)        | Colorless to Yellow to Orange to red to Brown | Colorless to Yellow to Orange to red to Brown |
| Stabilizer (Copper chip)         | Conforms                                      | Conforms                                      |
| Proton NMR spectrum              | Conforms to structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager