

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-23 15:59:44  
 Date of Next Testing: 2028-04-12 15:59:44  
 Product Name: **Iodonitrotetrazolium chloride (INT)**  
 CAS Number: 146-68-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D2616111  
 SKU #: **I105499**  
 Version: **0**  
 Analysis #: **474898**  
 Storage Temperature: Store at 2-8°C

| Parameter                                                    | Limit Values                       | Result                             |
|--------------------------------------------------------------|------------------------------------|------------------------------------|
| Purity(HPLC)                                                 | 98-100 (%)                         | 99.02000 %                         |
| Loss on drying                                               | 0-6 (%)                            | 0.35377 %                          |
| Purity(Argentmetric Titration)(calc. based on dry substance) | 98-100 (%)                         | 99.53600 %                         |
| Appearance (I105499)                                         | Yellow to Brown Powder or Crystals | Yellow to Brown Powder or Crystals |
| Infrared spectrum                                            | Conforms to Structure              | Conforms to Structure              |
| Proton NMR spectrum                                          | Conforms to Structure              | Conforms to Structure              |
| Solubility in MeOH                                           | almost transparency                | almost transparency                |



John Su  
QA & QC Manager