

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-08 14:37:14

Date of Next Testing: 2029-04-07 14:37:14

Product Name: **Girard's reagent T**

CAS Number: 123-46-6

Specifications & Purity:  $\geq 98\%$

Lot #: G2102159

SKU #: **G108418**

Version: **0**

Analysis #: **491372**

Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                          | Result                                |
|-----------------------------------------|---------------------------------------|---------------------------------------|
| Melting point                           | 188-192 (°C)                          | 191.80000 °C                          |
| Purity(Titration by AgNO <sub>3</sub> ) | 98-100 (%)                            | 99.70000 %                            |
| Appearance (G108418)                    | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                     | Conforms to Structure                 | Conforms to Structure                 |

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

John Su  
QA & QC Manager