

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-17 15:09:22  
 Date of Next Testing: 2029-09-16 15:09:22  
 Product Name: **4-Monomethoxytrityl chloride**  
 CAS Number: 14470-28-1  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: L2103098  
 SKU #: **M113503**  
 Version: **0**  
 Analysis #: **572199**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                        | Limit Values                     | Result                           |
|--------------------------------------------------|----------------------------------|----------------------------------|
| Melting point                                    | 120-125 (°C)                     | 124.50000 °C                     |
| Purity(O2 AgNO3 titration with after combustion) | 96.5-103.5 (%)                   | 98.20000 %                       |
| Purity(HPLC)                                     | 97-100 (%)                       | 97.98000 %                       |
| Appearance (M113503)                             | white to yellow or orange powder | white to yellow or orange powder |
| Proton NMR spectrum                              | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager