

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-03 15:04:45
Date of Next Testing: 2026-05-02 15:04:45
Product Name: **4,4'-Dimethoxytrityl chloride (DMT-Cl)**
CAS Number: 40615-36-9
Specifications & Purity: $\geq 97\%$
Lot #: D2228152
SKU #: **D109292**
Version: **0**
Analysis #: **080312**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	123-126 (°C)	125.87000 °C
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	100.50000 %
Purity(HPLC)	97-100 (%)	97.01000 %
Appearance (D109292)	pink to orange powder and/or chunks	pink to orange powder and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , orange to red, clear 50mg/ml pass (5%)		Pass



John Su
QA & QC Manager