

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-09 18:05:49

Date of Next Testing: 2026-11-08 18:05:49

Product Name: **4,4'-Dimethoxytrityl chloride (DMT-Cl)**

CAS Number: 40615-36-9

Specifications & Purity: $\geq 97\%$

Lot #: K2205233

SKU #: **D109292**

Version: **0**

Analysis #: **145344**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	123-126 (°C)	124.32000 °C
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	100.66200 %
Purity(HPLC)	97-100 (%)	98.11300 %
Appearance (D109292)	pink to orange powder and/or chunks	pink to orange powder and/or chunks
Solubility in CHCL ₃ , orange to red,clear 50mg/ml (5%)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager