

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-28 10:36:18

Date of Next Testing: 2027-09-27 10:36:18

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

CAS Number: 40615-36-9

Specifications & Purity: $\geq 97\%$

Lot #: A2002134

SKU #: **D109292**

Version: **0**

Analysis #: **281399**

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

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.13000 %
Melting point	123-126 (°C)	123.05000 °C
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	97.04610 %
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