

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-19 15:26:51

Date of Next Testing: 2027-06-09 15:26:51

Product Name: **m-Toluoyl chloride**

CAS Number: 1711-06-4

Specifications & Purity: $\geq 97\%$

Lot #: L2102187

SKU #: **T299642**

Version: **1**

Analysis #: **525662**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.08 %
Refractive index n _{20/D}	1.548-1.55	1.55
Appearance (T299642)	Colorless to light yellow to light orange liquid	Colorless to light yellow to light orange liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager