

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 10:55:13

Date of Next Testing: 2025-08-03 10:55:13

Product Name: **p-Toluoyl chloride**

CAS Number: 874-60-2

Specifications & Purity: 99%

Lot #: K2118040

SKU #: **T106376****Analysis:** **263560**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.08 %
Density (20°C)	1.168-1.17	1.17
Refractive index n ₂₀ /D	1.553-1.555	1.55
Appearance (T106376)	Colorless to Very Faint Yellow Liquid	Colorless to Very Faint Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure

John Su
QA & QC Manager