

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 10:37:12

Date of Next Testing: 2027-05-10 10:37:12

Product Name: **3-Chlorobenzoyl chloride**

CAS Number: 618-46-2

Specifications & Purity: $\geq 97\%$

Lot #: K2124388

SKU #: **C106156**

Version: **0**

Analysis #: **511560**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.568-1.57	1.57
Purity(GC)	97-100 (%)	98.19 %
Purity (Argentmetric Titration)	96.5-103.5 (%)	96.90 %
Appearance (C106156)	Colorless to yellow brown liquid	Colorless to yellow brown 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