

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-12 19:27:58

Date of Next Testing: 2027-04-11 19:27:58

Product Name: **4-Heptylbenzoyl Chloride**

CAS Number: 50606-96-7

Specifications & Purity: >98.0%(T)

Lot #: D2306495

SKU #: **H157130**

Analysis: **210589**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	98.42 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	98.37 %
Density (20°C)	1.029-1.033	1.03
Refractive index n ₂₀ /D	1.52-1.524	1.52
Appearance (H157130)	Colorless to Yellow Liquid	Colorless to Yellow 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