

Certificate of Analysis

Date of Testing: 2024-10-14 10:07:55

Date of Next Testing: 2026-10-04 10:07:55

Product Name: **4-Nitrobenzoyl chloride**

CAS Number: 122-04-3

Specifications & Purity: for HPLC derivatization, ≥99%(GC)

Lot #: J2410711

SKU # **N106145**

Version **1**

Analysis #: **419840**

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

Parameter	Limit Values	Result
Melting point	71-75 (°C)	72.20000 °C
Purity(GC)	99-100 (%)	99.10 %
Free carboxylic acid (carbonic acid)	0-0.5 (%)	0.43 %
Purity(Titration)	99-101 (%)	100.18 %
Residue on Ignition	0-0.05 (%)	0.03000 %
Appearance (N106145)	yellow solid	yellow solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in toluene(heat)	100 mg/ml,Clear	100 mg/ml,Clear



John Su
QA & QC Manager