

Certificate of Analysis

Date of Testing: 2025-07-14 10:42:24

Date of Next Testing: 2027-07-04 10:42:24

Product Name: **4-Nitrobenzoyl chloride**

CAS Number: 122-04-3

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

Lot #: A2206180

SKU #: **N106145**

Version: **1**

Analysis #: **525628**

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

Parameter	Limit Values	Result
Melting point	71-75 (°C)	74.43000 °C
Free carboxylic acid (carbonic acid)	0-0.5 (%)	0.02 %
Residue on Ignition	0-0.05 (%)	0.00300 %
Purity(GC)	99-100 (%)	99.90 %
Purity(Titration)	99-101 (%)	99.01 %
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