

Certificate of Analysis

Date of Testing: 2025-06-30 13:28:10

Date of Next Testing: 2027-06-20 13:28:10

Product Name: **4-Nitrobenzoyl chloride**

CAS Number: 122-04-3

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

Lot #: I2320326

SKU # **N106145**

Version **1**

Analysis #: **525852**

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

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.31 %
Free carboxylic acid (carbonic acid)	0-0.5 (%)	0.06 %
Purity(Titration)	99-101 (%)	99.60 %
Residue on Ignition	0-0.05 (%)	0.00600 %
Melting point	71-75 (°C)	74.95000 °C
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