

Certificate of Analysis

Date of Testing: 2023-05-12 16:44:40

Date of Next Testing: 2025-05-11 16:44:40

Product Name: **Cyclopentanecarbonyl Chloride**

CAS Number: 4524-93-0

Specifications & Purity: >98.0%(GC)

Lot #: E2305155

SKU #: **C138861**

Analysis: **205661**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.461-1.465	1.46
Purity(GC)	98-100 (%)	99.44 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.85 %
Density (20°C)	1.098-1.102	1.10
Appearance (C138861)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager