

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-10 17:06:39

Date of Next Testing: 2027-02-10 17:06:39

Product Name: **Cyclopentanecarbonyl Chloride**

CAS Number: 4524-93-0

Specifications & Purity: $\geq 98\%$ (GC)

Lot #: E2305228

SKU #: **C138861**

Version: **0**

Analysis #: **469146**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.461-1.465	1.46
Purity(GC)	98-100 (%)	99.43 %
Purity (Argentmetric Titration)	97.5-102.5 (%)	97.56 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager