

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-15 10:39:12

Date of Next Testing: 2025-03-04 10:39:12

Product Name: **Valeroyl chloride**

CAS Number: 638-29-9

Specifications & Purity: $\geq 98\%$

Lot #: F2109279

SKU #: **V107241**

Version: **0**

Analysis #: **196603**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.419-1.423	1.42150
Purity(GC)	98-100 (%)	99.58000 %
Density (20°C)	0.993-0.998	0.99500
Appearance (V107241)	Colorless to light yellow liquid	Colorless to light 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