

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 #: F2109278

SKU #: **V107241**

Version: **0**

Analysis #: **196603**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /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