

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-15 18:10:08

Date of Next Testing: 2028-01-05 18:10:08

Product Name: **Valeric acid**

CAS Number: 109-52-4

Specifications & Purity: Moligand™, analytical standard

Lot #: A2614160

SKU #: **V108271**

Version: **0**

Analysis #: **641563**

Storage Temperature: Room temperature, Desiccated

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Purity(GC)                         | 99.5-100 (%)          | 99.54300 %            |
| Density (20°C)                     | 0.939-0.942           | 0.94050               |
| Refractive index n <sub>20/D</sub> | 1.407-1.411           | 1.40840               |
| Infrared spectrum                  | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum                | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager