

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-17 13:46:23

Date of Next Testing: 2027-05-07 13:46:23

Product Name: **Isovaleric acid**

CAS Number: 503-74-2

Specifications & Purity:  $\geq 99\%$

Lot #: E2512307

SKU #: **I108281**

Version: **0**

Analysis #: **504626**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20</sub> /D | 1.401-1.406           | 1.40330               |
| Purity(Neutralization titration)    | 98.5-101.5 (%)        | 99.99600 %            |
| Purity(GC)                          | 99-100 (%)            | 99.48100 %            |
| Density (20°C)                      | 0.925-0.93            | 0.92750               |
| Appearance (I108281)                | Colorless liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager