

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-04-30 17:01:34

Date of Next Testing: 2023-04-20 17:01:34

Product Name: **Isovaleric acid**

CAS Number: 503-74-2

Specifications & Purity: $\geq 99\%$

Lot #: D2126257

SKU #: **I108281**Version: **0**Analysis #: **000744**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.401-1.406	1.40
Purity(Neutralization titration)	98.5-101.5 (%)	99.50%
Purity(GC)	99-100 (%)	99.20%
Density (20°C)	0.925-0.93	0.93
Appearance (I108281)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager