

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-06 13:55:07

Date of Next Testing: 2024-07-26 13:55:07

Product Name: **Isovaleric acid**

CAS Number: 503-74-2

Specifications & Purity: $\geq 99\%$

Lot #: A1904212

SKU #: **I108281**Version: **0**Analysis #: **121821**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.401-1.406	1.40300
Purity(Neutralization titration)	98.5-101.5 (%)	99.02200 %
Purity(GC)	99-100 (%)	99.58700 %
Density (20°C)	0.925-0.93	0.92700
Appearance (I108281)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager