

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-09 14:35:16

Date of Next Testing: 2029-01-08 14:35:16

Product Name: **4-Methylvaleric acid**

CAS Number: 646-07-1

Specifications & Purity: $\geq 98\%$

Lot #: D2106046

SKU #: **M117869**

Version: **0**

Analysis #: **460142**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.38200 %
Density (20°C)	0.921-0.924	0.92200
Purity(GC)	98-100 (%)	99.21100 %
Refractive index n ₂₀ /D	1.413-1.416	1.41510
Appearance (M117869)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager