

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 09:45:46

Date of Next Testing: 2028-09-11 09:45:46

Product Name: **L-Leucinol**

CAS Number: 7533-40-6

Specifications & Purity: Moligand™, ≥96%

Lot #: L1211063

SKU #: **L117136**

Version: **1**

Analysis #: **410160**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.449-1.452	1.45000
Purity(GC)	96-100 (%)	98.10000 %
Specific Rotation [α] _{20/D} (c=9 in EtOH)	3-5 (°)	3.90000 °
Purity(Neutralization titration)	96-100 (%)	96.10000 %
Density (20°C)	0.907-0.911	0.90700
Appearance (L117136)	clear colorless to very faint yellow liquid	clear colorless to very faint yellow liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager