

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-08 14:28:21  
Date of Next Testing: 2029-09-07 14:28:21  
Product Name: **L-Leucinol**  
CAS Number: 7533-40-6  
Specifications & Purity: Moligand™, ≥96%  
Lot #: K2123555  
SKU #: **L117136**  
Version: **1**  
Analysis #: **568676**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.449-1.452	1.45
Purity(GC)	96-100 (%)	96.30%
Specific Rotation [α] <sub>20</sub> /D(c=9 in EtOH)	3-5 (°)	3.20°
Purity(Neutralization titration)	96-100 (%)	97.98%
Density (20°C)	0.907-0.911	0.91
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