

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 #: K2124086
SKU #: **L117136**
Version: **1**
Analysis #: **568676**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.449-1.452	1.45
Purity(GC)	96-100 (%)	96.30%
Specific Rotation [α] ₂₀ /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