

Certificate of Analysis

Date of Testing: 2024-05-09 16:55:50

Date of Next Testing: 2028-05-08 16:55:50

Product Name: **L-Leucinol**

CAS Number: 7533-40-6

Specifications & Purity: 96%

Lot #: D2423277

SKU # **L117136**

Analysis: **335861**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	98.94 %
Refractive index n ₂₀ /D	1.449-1.452	1.45
Specific Rotation [α] ₂₀ /D(c=9 in EtOH)	3-5 (°)	3.03 °
Purity(Neutralization titration)	96-100 (%)	96.10 %
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