

Certificate of Analysis

Date of Testing: 2024-05-09 16:55:09
Date of Next Testing: 2028-05-08 16:55:09
Product Name: **L-Leucinol**
CAS Number: 7533-40-6
Specifications & Purity: 96%
Lot #: D2423276
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