

Certificate of Analysis

Date of Testing: 2023-04-27 17:10:30

Date of Next Testing: 2027-04-26 17:10:30

Product Name: **L-Leucinol**

CAS Number: 7533-40-6

Specifications & Purity: 96%

Lot #: D2318158

SKU #: **L117136**

Analysis: **217978**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.449-1.452	1.45
Purity(GC)	96-100 (%)	98.30 %
Specific Rotation [α] ₂₀ /D(c=9 in EtOH)	3-5 (°)	3.10°
Purity(Neutralization titration)	96-100 (%)	96.30 %
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