

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	03404
Product Name	D-Norleucine
Lot Number	QRK0289
CAS Registry Number	327-56-0
Molecular Formula	C ₆ H ₁₃ NO ₂
Molecular Weight	131.18
Assay	100%
Solubility in 3N-HCl	Colorless & clear (c=4)
Specific Rotation (α^{20}_D)	-23.5° (c=4, 6N-HCl)
Loss on Drying	0.00%
Residue on Ignition (on sulfate)	0.01%
Chloride (Cl)	<0.02%
Sulfate (SO₄)	<0.03%
Heavy Metals (as Pb)	<10ppm
Iron (Fe)	<10ppm
Ammonium salts (NH₄)	<0.02%
Arsenic (As)	<1ppm
Other Amino Acids	Not detected by TLC (the spotted amount, 10 µg)
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Sashi Kumar
Quality Control Manager

