



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	BIO-440
Product Name	DL-Alanine
Lot Number	3232
CAS Registry Number	302-72-7
Molecular Formula	C ₃ H ₇ NO ₂
Molecular Weight	89.09
Assay	99.6%
pH	6.1 (2.5% H ₂ O, 25°C)
Loss on Drying	0.01%
Residue on Ignition	0.0%
Chloride (Cl)	<200ppm
Sulfate (SO ₄)	<300ppm
Ammonium (NH ₄)	<200ppm
Heavy Metals (Pb)	<10ppm
Iron (Fe)	<10ppm
Thin-Layer Chromatogram	No other amino acids: <0.5%
Storage	Store at RT

Prepared by:
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Ramesh Mandadi
Director of Operations

Reviewed and approved by:
Sujata Moton
S. Moton
VP