

# **INDOFINE Chemical Company, Inc.**

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## Certificate of Analysis

Catalog Number	BIO-434
Product Name	L-Alanine 2-Aminopropionic acid
Lot Number	0460236
CAS Registry Number	56-41-7
Molecular Formula	C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>
Molecular Weight	89.09
Assay (dry basis)	99.7%
Description	White Crystalline Powder
Identification	Passes test
pH	6.2
Specific Rotation (@ 20°C)	+14.6°
Loss on Drying	0.04%
Residue on Ignition	0.01%
Chloride (Cl)	<0.02%
Sulfate (SO <sub>4</sub> )	<0.02%
Ammonium (NH <sub>4</sub> )	<0.02%
Arsenic (As <sub>2</sub> O <sub>3</sub> )	<1 ppm
Iron (Fe)	<10ppm
Heavy Metals (Pb)	<10ppm
Foreign Amino Acids	<0.2% (TLC 100µg)