INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-440
Lot Number	9243241010
Product	**DL-Alanine**
	DL-Ala-OH
	(*R*,*S*)-2-Aminopropionic acid
CAS Number	302-72-7
Molecular Formula	$C_3H_7NO_2$
Molecular Weight	89.09

Appearance	White crystalline powder
Heavy Metals	< 10 ppm
Arsenic (As_2O_2)	< 1 ppm
Anion	Chloride (Cl^-): < 0.02% Sulfate (SO_4^{2-}): < 0.03%
Cation	Ammonium (NH_4): < 0.02% Iron (Fe): < 10 ppm
pH	6.2
Infrared Spectrum	Conforms to structure
Transmission	99.4%
Loss on Drying	0.01%
Other Amino Acids	None detected by TLC
Residue On Ignition	0.05% (sulfated)
Assay by titration	99.9%
Storage	Store at RT

Prepared by:
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