



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	025502
Product	β -Alanine
Lot Number	001192-8002814063 β -Ala-OH 3-Aminopropionic acid
CAS Number	107-95-9
Molecular Formula	C ₃ H ₇ NO ₂
Molecular Weight	89.09

Appearance	White crystals or crystalline powder
Heavy Metals	< 10 ppm
Arsenic (As₂O₂)	< 2 ppm
Anion	Chloride (Cl ⁻): < 0.040% Sulfate (SO ₄ ²⁻): < 0.048%
Cation	Ammonium (NH ₄ ⁺): < 0.020% Iron (Fe): < 30 ppm
pH	6.6
Transmission	98.1%
Loss on Drying	0.16%
Other Amino Acids	Chromatographically not detectable
Residue On Ignition	0.09%
Assay by titration	98.1% (anhydrous basis)
Storage	Store at RT
Additional Information	Source: synthetic