

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 51154

Product **β -Alanine**

β -Ala-OH

3-Aminopropionic acid

CAS Number 107-95-9

Molecular Formula $C_3H_7NO_2$

Molecular Weight 89.09

Appearance White crystalline powder

Heavy Metals ≤ 10 ppm

Anion Chloride (Cl^-) : ≤ 20 ppm
Sulphate (SO_4^{2-}) : $\leq 0.05\%$

Cation Arsenci (As) : ≤ 0.1 ppm
Ammonium (NH_4^+) : $\leq 0.05\%$
Lead (Pb) : ≤ 1 ppm
Mercury (Hg) : ≤ 1 ppm,
Cadmium (Cd) : < 1 ppm

Yeast and Mold ≤ 100 cfu/g

Infrared Spectrum Conforms to structure

Loss on Drying $\leq 0.5\%$

Transmittance $\geq 95.0\%$ (State of solution)

E. Coli, Salmonella, S.Aureus Negative/10 g

Microbial Count ≤ 1000 cfu/g (TPC)

Residue On Ignition $\leq 0.1\%$

Assay 99.0 - 101.0%

Storage Store at RT

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For Laboratory Use Only