

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

Certificate of Analysis

Catalogue Number	26712
Lot Number	P001B012
Product	L-Alanine, USP, EP, Kosher Certified
	L-Ala-OH (S)-2-Aminopropanoic acid
CAS Number	56-41-7
Molecular Formula	C ₃ H ₇ NO ₂
Molecular Weight	89.09

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Arsenic (As₂O₂)	< 1 ppm
Anion	Chloride (Cl ⁻): < 0.02% Sulfate (SO ₄ ²⁻): < 0.02%
Cation	Ammonium (NH ₄ ⁺): 0.00% Iron (Fe): < 10 ppm
pH	6.4
Optical Rotation	[α] _D ²⁰ = +14.8° [α] _D ²⁵ = +14.5°
Infrared Spectrum	Conforms to structure
Transmission	99.9%
Loss on Drying	0.02%
Coliform Organisms	Negative
Endotoxin Test	< 6.0 EU/g
Microbial Count	< 100 CFU/g
Organic Volatile Impurities	Conforms by certification
Other Amino Acids	< 0.2% (TLC 100 mcg)
Residue On Ignition	0.00%
Assay by titration	99.8%
Storage	Store at RT

Certificate of Analysis

Catalog Number: 26712

Lot Number: P001B012

Additional Information

Mold: < 10 CFU/g

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager