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SPECIFICATION SHEET

Product: L-Alanine

Chemical Name: (L-2-Aminopropionic Acid)

Origin: U.S.A

TEST	SPECIFICATION
Appearance:	White crystals or crystalline powder
Identification:	Infrared Absorption
Clarity and Colour of Solution:	Clear solution
Assay:	98.5-101.5%
Loss on Drying:	Not more than 0.20%
Residue on Ignition:	Not more than 0.10%
Specific Rotation:	+14C-+15C
Sulphate(SO ₄):	Not more than 0.0065%
Organic Volatile Impurity:	Conforms
Readily Hydrolysable Substances:	Colourless Solution
Ammonium	0.02% max
Chloride:	Not more than 0.007%
Heavy Metal	10 ppm Max
Lead:	1 ppm Max
PH:	5.0-7.0
Particle Size:	60 mesh-80 mesh
Total plate count	1000 cfu/g max
Mold & yeast	100 cfu/g max
Pathogenic	Negative
Conclusion:	This batch of L-Alanine meets the specifications of AJI97

Storage: Store at room temperature in a tightly closed container.
Keep away from moisture and light.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by :

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