

Chem-Impex International, Inc.

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Wood Dale, IL 60191

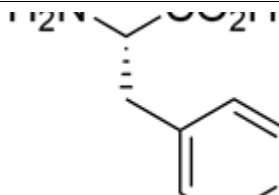
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	36932
Product	L-Phenylalanine, non animal origin (S)-(-)-Phenylalanine L-Phe-OH
CAS Number	63-91-2
Molecular Formula	C ₉ H ₁₁ NO ₂
Molecular Weight	165.2
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Appearance	White crystalline powder
Heavy Metals	≤ 10 ppm (as Pb)
Anion	Chloride (Cl) : ≤ 0.020% Sulfate (SO ₄) : ≤ 0.020%
Cation	Ammonium (NH ₄) : ≤ 0.02% Iron (Fe) : ≤ 10 ppm Arsenic : ≤ 1 ppm
pH	5.4 - 6.0
Mould and Yeast	Mold : ≤ 10 cfu/g
Optical Rotation	[a] ²⁰ _D = -33.5 to -35.0 ° [a] ²⁵ _D = -32.7 to -34.7 °
Transmission	State of solution : ≥ 98%, Clear and colorless solution
Loss on Drying	≤ 0.20%
E. Coli	Negative
Endotoxin Test	≤ 6.0 EU/g
Microbial Count	≤ 100 cfu/g
Related Substances	To pass test
Residue On Ignition	≤ 0.10%
Assay	98.5 - 101.0%
Grade	USP, EP, JP
Storage	Store at RT
Additional Information	Identification : To pass test

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For Laboratory Use Only