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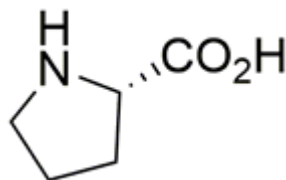
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	36921
Product	L-Proline, non-animal origin (S)-Pyrrolidine-2-carboxylic acid L-Pro-OH
CAS Number	147-85-3
Molecular Formula	C ₅ H ₉ NO ₂
Molecular Weight	115.14

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 (As ₂ O ₃) : ≤ 1 ppm
pH	5.9 - 6.9
Mould and Yeast	Mold : ≤ 10 cfu/g
Optical Rotation	[a] ²⁰ _D = -84.5 to -86.0 ° [a] ²⁵ _D = -84.3 to -86.3 °
Transmission	State of solution : ≥ 98%, Clear and colorless solution
Loss on Drying	≤ 0.30%
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	99 - 101%
Grade	USP, EP, JP
Storage	Store at RT
Additional Information	Identification : To pass test

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For Laboratory Use Only