

Chem-Impex International, Inc.

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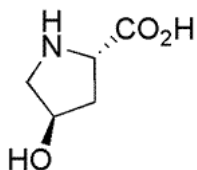
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	29855
Product	trans-L-4-Hydroxyproline, Non-animal origin L-Hyp-OH (2 <i>S</i> ,4 <i>R</i>)-4-Hydroxypyrrolidine-2-carboxylic acid
CAS Number	51-35-4
Molecular Formula	C ₅ H ₉ NO ₃
Molecular Weight	131.1

Synonym 3	H-Hyp-OH
Appearance	White crystalline powder
Melting Point	273°C (dec)
Heavy Metals	≤ 10 ppm
Anion	Chloride (Cl ⁻): ≤ 0.02% Sulfate (SO ₄ ²⁻): ≤ 0.02%
Cation	Ammonium (NH ₄ ⁺): ≤ 0.02% Iron (Fe): ≤ 10 ppm Arsenic (As ₂ O ₃): ≤ 1 ppm
Optical Rotation	[α] _D ²⁰ = -75 ± 2° (C = 1 in H ₂ O)
Transmission	State of solution: ≥ 95%
Loss on Drying	≤ 0.2%
Related Substances	≤ 0.3%
Residue On Ignition	≤ 0.1%
Assay	99.0-101.0% (Dry basis)
Storage	Store at RT
Additional Information	Identification: To pass the test

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For Laboratory Use Only