

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	05976
Lot Number	000672-02238-137-02
Product	<i>trans</i>-D-4-Hydroxyproline D-Hyp-OH (2 <i>R</i> ,4 <i>S</i>)-4-Hydroxypyrrolidine-2-carboxylic acid
CAS Number	3398-22-9
Molecular Formula	C ₅ H ₉ NO ₃
Molecular Weight	131.1

Appearance	Pale pink solid
Solubility	Soluble (1% solution in H ₂ O)
Melting Point	257.3 °C
Optical Rotation	[α] _D ²² = +78.1° (C=1 in H ₂ O)
Analysis by Mass Spectra	[M+H] ⁺ = 132.1
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	> 99% (191 nm)
Storage	Store at 0-8°C
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