

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03870
Lot Number	000424-200423-12612
Product	Z-L-threonine hydrazide Z-L-Thr-NHNH ₂
CAS Number	49706-30-1
Molecular Formula	C ₁₂ H ₁₇ N ₃ O ₄
Molecular Weight	267.3

Appearance	White to off-white powder
Melting Point	197.3 - 197.9 °C
Optical Rotation	[α] _D ²⁰ = -19.3 ° (C=1 in 1N HCl:EtOH=1:1)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.14%
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