

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 03315
Lot Number 111205-11070
Product ***O*-tert-Butyl-D-threonine**

D-Thr(tBu)-OH

CAS Number 201274-81-9
Molecular Formula C₈H₁₇NO₃

Molecular Weight 175.2

Appearance White powder
Solubility Clear solution (0.3 g in 4 mL H₂O)
Melting Point 232.3-232.7 °C
Optical Rotation [α]_D²⁰ = +41.7° (C=1 in H₂O)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
¹H NMR Conforms to structure
L-Enantiomer Not detected
Purity by HPLC 99.42%
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