

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 00430
Lot Number 000424-141010-11017
Product **L-Aspartic acid β -tert-butyl ester**

L-Aspartic acid β -tert-butyl ester

CAS Number 3057-74-7
Molecular Formula C₈H₁₅NO₄
Molecular Weight 189.2

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL TFA)
Water Content (Karl Fisher) 0.736%
Optical Rotation $[\alpha]_D^{20} = -8.5^\circ$ (C=2 in MeOH/H₂O, 4:1)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.25% (70 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.82%
Purity by TLC > 98%
Storage Store at RT
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