

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03335
Product	L-Glutamic acid α-<i>tert</i>-butyl ester
Lot Number	000424-160920-16065 L-Glu-OtBu
CAS Number	45120-30-7
Molecular Formula	C ₉ H ₁₇ NO ₄
Molecular Weight	203.2
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Water)
Melting Point	140.6-141.3 °C
Water Content (Karl Fisher)	0.657%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.04% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.30%
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