

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05969
Lot Number	000424-120112-16064
Product	D-Glutamic acid α-tert-butyl ester hydrochloride D-Glu-OtBu•HCl
CAS Number	200616-62-2
Molecular Formula	C ₉ H ₁₇ NO ₄ •HCl
Molecular Weight	203.20

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml H ₂ O)
Melting Point	139.4-139.7°C
Optical Rotation	-13.0° (C=1, water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	98.06%
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