

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	03141
Product Name	H-Ser(tBu)-OMe·HCl O-t-Butyl-L-serine methyl ester hydrochloride
Lot Number	20070301
CAS Registry Number	17114-97-5
Molecular Formula	C ₈ H ₁₇ NO ₃ ·HCl
Molecular Weight	211.70
Appearance	White powder
Melting Point	160.0-160.6 °C
Specific Optical Rotation	$\alpha_D^{20} = +8.3^\circ$ (c=1, CH ₃ OH)
IR Spectrum	In accordance with structure
Free Serine by TLC Analysis	< 1.0%
Loss on Drying	0.5%
Assay (AT)	98.5%
Storage	Store at 0-5°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier.

Quality Control Manager