

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	03126
Lot Number	000872-20170101
Product	L-Phenylglycine <i>tert</i>-butyl ester hydrochloride L-Phg-OtBu•HCl
CAS Number	161879-12-5
Molecular Formula	C ₁₂ H ₁₇ NO ₂ •HCl
Molecular Weight	243.73
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Appearance	White to off-white powder
Water Content (Karl Fisher)	0.2%
Optical Rotation	[α] _D ²⁵ = +87° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Related Substances	Phenyl glycine: < 0.5% (by TLC)
Assay by titration	101.7%
D-Enantiomer	< 0.3%
Purity by HPLC	99.9%
Chiral Purity	> 99.7% (ee)
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