

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	16407
Lot Number	000127-1040758
Product	N-Methyl-D-phenylglycine N-Me-D-Phg-OH
CAS Number	30925-14-5
Molecular Formula	C ₉ H ₁₁ NO ₂
Molecular Weight	165.19

Appearance	Off-white powder
Solubility	Clear, colorless solution (50mg/ml in AcOH 80%)
Elemental Analysis (Theory)	C = 65.4%; H = 6.7%; N = 8.5%
Elemental Analysis (Found)	C = 65.5%; H = 6.6%; N = 8.5%
TLC System	n-Butanol/Acetic acid/Water (4:2:2) Chloroform/Methanol/Acetic acid 32% (5:3:1) Ethyl acetate/Pyridine/Acetic acid/H ₂ O(60:20:6:11)
Optical Rotation	[α] _D ²⁴ = -141.2° (C=1% in acetic acid 80%)
Assay by titration	98.6% (HClO ₄)
L-Enantiomer	0.3%
Purity by TLC	> 99%
ESI-MS	M = 165.0u (Average mass)
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