

Chem-Impex International, Inc.

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Certificate of Analysis

Catalog Number	06538
Product Name	Z-N-(N-β-Boc-aminoethyl)-Gly-OH Z-(Boc-aminoethyl)-L-glycine
Lot Number	1009413
CAS Registry Number	34046-07-6
Molecular Formula	C ₁₇ H ₂₄ N ₂ O ₆
Molecular Weight	352.33
Appearance	White powder
Solubility	Clear, colorless solution (50 mg/ml in Methanol)
Melting Point	96 °C
Identification (ESI-MS)	m = 352.4 u (average mass)
CHN-Analysis	
Elemental Analysis (Theory)	C 57.9% H 6.9% N 8.0%
Elemental Analysis (Found)	C 57.8% H 6.9% N 7.9%
Assay (Elemental Analysis)	99.3% Based on Nitrogen content
Assay (Elemental Analysis)	Theory N 7.95% Found N 7.89%
Identification (TLC)	Complies with authentic material
Assay by TLC	> 99%
Toluene/dioxane/acetic acid 95/25/4	Detected by: UV, Ninhydrin, Chlorine-Tolidine
Chloroform/methanol/toluene/H₂O	
8/8/8/1	
Chloroform/methanol/acetic acid	
90/8/2	
Plate: Silicagel 60 F₂₅₄	
Water Content (KF Volumetric)	< 0.1%
Purity (HPLC)	99.4% (TEAP)
Storage	Store at -0°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