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Product Specifications

Catalogue Number	06538
Product	Z-(Boc-aminoethyl)-L-glycine Z-N-(N-β-Boc-aminoethyl)-Gly-OH
CAS Number	34046-07-6
Molecular Formula	C ₁₇ H ₂₄ N ₂ O ₆
Molecular Weight	352.33
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Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in Methanol)
Melting Point	95 - 97 °C
Elemental Analysis (Theory)	C = 57.9 ± 0.5%, H = 6.9 ± 0.5%, N = 8.0 ± 0.5%
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Toluene/Dioxane/Acetic acid (95/25/4) Chloroform/Methanol/Toluene/Water (8/8/8/1) Chloroform/Methanol/Acetic acid (90/8/2) Plate : Silicagel 60 F ₂₅₄ Detected by UV, Ninhydrin, Chlorine-tolidine
Assay	≥ 99% (Nth 7.95% by Elemental analysis)
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
ESI-MS	M = 352 ± 1 u (Average mass)
Storage	Store at 0 - 8 °C

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For Laboratory Use Only