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Analytical Data Sheet

Lot number **1000062132**

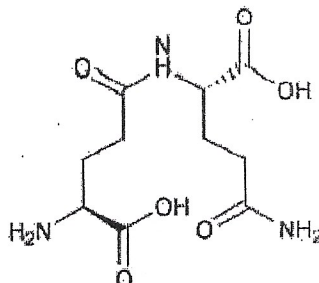
Product H-Glu(Gln-OH)-OH

Product number **04-1556**

Molecular formula $C_{10}H_{17}N_3O_6$

Relative molecular mass 275.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Purity (TLC)	>99%
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	98.4% (Nth 15.27%, Nfd 15.02%)
Assay (titration)	99.6%
Water content (KF volumetric)	0.8%



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