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Certificate of Analysis

Catalogue Number	03356
Lot Number	000127-1000047724
Product	Gly-Glu-OH Glycyl-L-glutamine H-Gly-Glu-OH
CAS Number	7412-78-4
Molecular Formula	C ₇ H ₁₂ N ₂ O ₅
Molecular Weight	204.18
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Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in 80% in acetic acid)
Water Content (Karl Fisher)	4.2%
TLC System	n/Butanol : Acetic acid : Water 4/2/2 Isopropanol : Ammonia conc. 1/1 Methanol : Chloroform : Ammonia 17% 2/2/1 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, TMB
Optical Rotation	[α] _D ²⁴ = -5.8 ° (C=2 in water)
Assay	95.5% (Nth 13.72%, Nfd 13.10%)
Purity by HPLC	98.9%
Purity by TLC	> 99%
Storage	Store at < -10 °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