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Certificate of Analysis

Catalogue Number	08618
Product	Gly-Gly-His-OH
Lot Number	000127-1048824 Glycylglycyl-L-histidine
CAS Number	93404-95-6
Molecular Formula	C ₁₀ H ₁₅ N ₅ O ₄
Molecular Weight	269.26
Appearance	Slightly yellow powder
Appearance of Solution	Clear, colorless solution (50 mg/ml in water)
Water Content (Karl Fisher)	6.1%
TLC System	n-butanol/Acetic Acid/H ₂ O (4:2:2) Isopropanol/Ammonia Conc. (1:1) 2-butanol/Pyridine/H ₂ O (7:7:6) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine, Pauly
Optical Rotation	[α] _D ²⁴ = + 21.5° (C=1% in water)
Assay	Elemental analysis: 95.5% (Nth 26.01%, Nfd 24.83%)
Purity by TLC	> 99%
Storage	Store at ≤ -4 °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