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Certificate of Analysis

Catalogue Number	08002
Lot Number	000127-0553516
Product	Cyclo(L-His-L-Pro) Cyclo(-His-Pro)
CAS Number	53109-32-3
Molecular Formula	C ₁₁ H ₁₄ N ₄ O ₂
Molecular Weight	234.26
Appearance	Off - white powder
Solubility	Clear, colorless solution (50mg/mL in 80% AcOH)
Elemental Analysis (Theory)	C: 56.40%, H: 6.00%, N: 23.90%
TLC System	n-butanol/acetic acid/water 4/2/2 Chloroform/methanol/acetic acid 32% 5/3/1 CHCl ₃ /methanol/acetic acid konz. (80/20/4) Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -110.9° (c=1% in water)
Assay	99.2% (Nth 23.92%, Nfd 23.72%)
Purity by TLC	> 99%
Storage	Store at RT
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