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Certificate of Analysis

Catalogue Number	38811
Lot Number	000127-1000065601
Product	Tyr-Tyr-Tyr-OH L-Tyrosinyl-L-tyrosinyl-L-tyrosine H-Tyr-Tyr-Tyr-OH
CAS Number	7390-78-5
Molecular Formula	C ₂₇ H ₂₉ N ₃ O ₇
Molecular Weight	507.54

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in methanol)
Water Content (Karl Fisher)	1.7%
TLC System	n-Butanol/Acetic acid/Water 4/2/2 Methanol/Chloroform/Ammonia 17% 2/2/1 plate : Silicagel 60 F ₂₅₄ detected by : UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 17.1 ° (C=1 in water)
Assay	94.3% (Nfd : 7.81 by elemental analysis)
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