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Certificate of Analysis

Catalogue Number	30549
Lot Number	000129-14012
Product	Glycine-L-Arginine <i>p</i>-nitroanilide dihydrochloride H-Gly-Arg-pNA•2HCl
CAS Number	103192-40-1 (net)
Molecular Formula	C ₁₄ H ₂₁ N ₇ O ₄ •2HCl
Molecular Weight	424.29

Appearance	Light yellow powder
Anion	Chloride (Cl ⁻): 15%
Optical Rotation	[α] _D ²⁰ = -16.1° (C=1 in MeOH)
Residual Solvents	Ethyl acetate, THF
Assay by titration	90.2%
D-Enantiomer	0.15%
Purity by HPLC	98.8%
Purity by TLC	> 98%
Storage	Store at 0-8 °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