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Certificate of Analysis

Catalog Number	11653
Product Name	H-Abu-NH₂ L- α -Aminobutyric acid amide
Lot Number	11653-041106-1
Molecular Formula	C ₄ H ₁₀ N ₂ O
Molecular Weight	102.14
Melting Point	222-224 °C
Optical Rotation	+23.23 ° (1.0, MeOH)
Purity (HPLC)	98%
Storage	Store at 0-5°C.
Remarks	See Material Safety Data Sheets for additional information. For Laboratory use only

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 μ m, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	4.18
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
Injection volume, μl	5
Method /Detection at, nm	Gradient
	10-60% A(2)
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

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