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Certificate of Analysis

Catalog Number	05812
Product Name	H-α-Abu-NH₂•HCl
	L- α -Aminobutyric acid amide hydrochloride
Lot Number	05812-030606-1
Molecular Formula	C ₄ H ₁₀ N ₂ O•HCl
Molecular Weight	138.6
Melting Point	253-256 °C
Optical Rotation	+22.72 ° (C=1, 1N HCl)
Purity (HPLC)	99%
Storage	Store at 0-5°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Quality Control Manager

HPLC Conditions

Column	Beckman Ultrasphere 5 µm, 250x4.6 mm, 150 Å
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	4.33
Sample preparation	2 mg/1 ml 100% Acetonitrile/Water
Injection volume, µl	5
Method /Detection at, nm	Gradient
	0-50% B
	A = 99.9% Water, 0.1% TFA
Boc 0-50/ 210	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min