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Certificate of Analysis

Catalog Number	04107
Product Name	Boc-D-Phe(3-CN)-OH Boc-3-cyano-D-phenylalanine
Lot Number	04107-051805-1
Molecular Formula	C ₁₅ H ₁₈ N ₂ O ₄
Molecular Weight	290.3
Appearance	White powder
Melting Point	123-125 °C
Specific Rotation (α_D^{25})	-13.97° (C=1.013, MeOH)
HPLC Purity	>98%
Storage	Store at -0°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



Sashi Kumar
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	-13.97
Sample preparation	2 mg/1 ml 50% Acetonitrile/Water
Injection volume, µl	5
Method /Detection at, nm	Gradient
	30-80% B
	A = 99.9% Water, 0.1% TFA
Boc / 210	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min