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Certificate of Analysis

Catalog Number	02567
Product Name	Boc-D-Phe(4-Cl)-OH Boc-4-chloro-D-phenylalanine
Lot Number	02567-022805-1
CAS Registry Number	57292-44-1
Molecular Formula	C ₁₄ H ₁₈ ClNO ₄
Molecular Weight	299.8
Melting Point	110-112°C
α_D^{20}	-26.48°(c=1.16% in EtOH)
Purity(HPLC)	99%
Storage	Store at -0°C.
Remarks	See material safety data sheets for additional information. For laboratory use only.



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	13.167
Sample preparation	8 mg/2 ml 50% Acetonitrile/Water
Injection volume, µl	5

Method /Detection at, nm

Gradient

Boc / 210

30-80% B

A = 99.9% Water, 0.1% TFA

B = 95% Acetonitrile, 4.9% Water, 0.1% TFA

30 min, flow rate = 1.0 ml / min