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Certificate of Analysis

Catalog Number	03212
Product Name	Z-D-Phenylalaninol Z-D-phenylalaninol
Lot Number	03212-030905-1
CAS Registry Number	58917-85-4
Molecular Formula	C ₁₇ H ₁₉ NO ₃
Molecular Weight	285.3
Melting Point	88-90°C
Appearance	Off white
Purity By HPLC	99%
Specific Rotation (α^25_D)	+44.93° (c=1.19%, EtOH)
Storage	Store at 0-5°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 \AA
Guard Column	Supel Guard LC-18-DB, 2 cm
Retention Time, min	11.283
Sample preparation	6 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