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Certificate of Analysis

Catalog Number	02130
Product Name	Z-D-HoPhe-OH Z-(-)- α -Amino-4-phenylbutyric acid, Z-(-)- α -amino-4-phenylbutyric acid, Z-D-Homophenylalanine
Lot Number	02130-050905-1
Molecular Formula	C ₁₈ H ₁₉ NO ₄
Molecular Weight	313.36
Melting Point	103-106°C
α^25_D	+17.45°(c=2.09% in MeOH)
Purity (HPLC)	100%
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



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	13.650
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 B = 95% Acetonitrile, 4.9% Water, 0.1% TFA 30 min, flow rate = 1.0 ml / min