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Certificate of Analysis

Catalog Number	05991
Product Name	H-D-Pen(Trt)-OH S-Trityl-D-penicillamine
Lot Number	05991-042705-1
Molecular Formula	C ₂₄ H ₂₅ NO ₂ S
Molecular Weight	391.5
Melting Point	134-138° C
α_D^{20}	-106.8° (c=0.92% in DMF)
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



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	3.86
Sample preparation	5 mg/2 ml 50% Acetonitrile/Water
Injection volume, µl	5
Method /Detection at, nm	Gradient
	0-50% A(2)
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

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