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Certificate of Analysis

Catalog Number	03223
Product Name	L-Threoninol(benzyl)
Lot Number	03223-021005-V
Molecular Formula	C ₁₁ H ₁₇ NO ₂
Molecular Weight	195.1
Appearance	Colorless oil
Specific Rotation	[α] _D = - 50.8 (C =1; methanol)
Chromatography	
TLC	n-Butanol : Water : Acetic acid : ethyl acetate 1:1:1:1 R _f = 0.62 Chloroform : Methanol : Acetic acid 17:2:1 R _f = 0.34
HPLC	Purity 98.8%, Kromasil C ₈ column, gradient elution 25-75% B, t _R = 7.1 min, λ =214 nm, flow rate 1 mL/min, injection 1 μ L of 0.5% solution in methanol. A = water : trifluoroacetic acid 100 : 0.5 B = acetonitrile:water : trifluoroacetic acid 83:17:0.38
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

