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Certificate of Analysis

Catalog Number	03183
Product Name	Boc-Cysteinol(Bzl) Boc-S-(benzyl)-L-cysteinol
Lot Number	3183-12699-V
CAS Registry Number	139428-96-9
Molecular Formula	C ₁₅ H ₂₃ NO ₃ S
Molecular Weight	297.4
Melting Point	67-69°C
Chromatography TLC	Methylene chloride:acetone15:1 R _f = 0.53 single spot
Optical Rotation	$\alpha_D = -18.42^\circ\text{C}$ (C=0.95,MeOH)
HPLC	Purity 98,9%, Vydac C ₁₈ COLUMN, Gradient elution 40-80% B in 25 min., t _R = 10.61 min, $\lambda = 214$ nm, flow rate 1ml/min, injection 1 μ l of 0.5 % solution in methanol. A=Water:trifluoroacetic acid (100:0.05) B=Acetonitrile:Water:trifluoroacetic acid (90:10:0.038) ¹ H and ¹³ C NMR spectra consistent with predicted structure
Storage	Store at -0°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

