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Certificate of Analysis

Catalog Number	03180
Product Name	Boc-D-Cysteinol(pMeBzl) Boc-S-(4-methylbenzyl)-D-cysteinol
Lot Number	3180-0420-99-V
Molecular Formula	C ₁₆ H ₂₅ NO ₃ S
Molecular Weight	311.4
Melting Point	66-68°C
Optical Rotation [α]_D	=19.19 (c=1; MeOH)
TLC	
Chloroform:Methanol:Acetic acid	17:2:1 R _f = 0.67 single spot
chloroform:Methanol	15:1 R _f = 0.64 single spot
HPLC	Purity 100 % Vydac C ₁₈ column, gradient elution 50-80% in 25 min. t _R 9.26 min, ε=214 nm, flow rate 1ml/min injection 1 μl of 0.5% solution in methanol A=Water:trifluoroacetic acid (100:0.5) B=Acetonitrile:Water:trifluoroacetic acid (90:10:0.38)
¹H and ¹³C	NMR spectrum consent with predicted structure
Storage	Store below 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