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Certificate of Analysis

Catalog Number	03980
Product Name	Boc-D-Pen(Trt)-OH Boc-S-(trityl)-D-penicillamine, Boc-D- β , β -dimethyl- Cys(Trt)-OH
Lot Number	3980-120501-V
CAS Registry Number	135592-14-2
Molecular Formula	C ₂₉ H ₃₃ NO ₄ S
Molecular Weight	491.6
Melting Point	126°C(Decomposition, Crystals from ether-Hexane)
Optical Rotation	$\alpha_D = -48.5^\circ$ (C=1 MeOH)
HPLC	Purity 99.40 %, Vydac C ₁₈ column, gradient elution 50-95% B in 25 min., t _R 11.2 min, $\lambda = 214$ nm, flow rate 1ml/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)
TLC	
Chloroform:Methanol:Acetic acid	85:15:5 R _f = 0.73 single spot
chloroform:Methanol	
Purity	99%
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

