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Certificate of Analysis

Catalog Number	03977
Product Name	Boc-Pen(Acm)-OH Boc-S-(acetamido)-L-penicillamine
Lot Number	03977-071905-I
Molecular Formula	C ₁₃ H ₂₄ N ₂ O ₅ S
Molecular Weight	320.35
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Optical Rotation (α^{24}_D)	-14.2° (1%, in methanol)
Melting Point	120 – 122°C
Identity(TLC)	Chloroform/ Methanol/Acetic Acid/ H ₂ O 8/8/8/1 (v/v/v/v) Chloroform/Methanol/Acetic Acid(98-100%) H ₂ O 45/13/1/2 (v/v/v/v) Ethylacetate/Pyridine/ Acetic Acid/ H ₂ O 60/20/6/11 (v/v/v/v/v) Plate Silicagel 60 F ₂₅₄ detected by: UV, Ninhydrin, Chlorine-tolidine
Purity (TLC)	>99%
Storage	Store at 2-8°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

Quality Control Manager