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Certificate of Analysis

Catalog Number	06442
Product Name	Z-D-Orn-OH Z-D-ornithine
Lot Number	0552134
Molecular Formula	C ₁₃ H ₁₈ N ₂ O ₄
Molecular Weight	266.3
Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in 80% acetic acid)
Optical Specific Rotation (α^24_D)	+11.7°(0.5%, 5N HCl)
Melting Point	198-200°C
Assay (TLC)	Purity by TLC.....>99%
Chloroform/Methanol/Acetic acid/H₂O 60/45/14/6 (v/v/v/v)	detected by: UV, Ninhydrin, Chlorine-tolidine
Ethylacetate/Pyridine/Acetic acid /H₂O 60/60/12/36 (v/v/v/v)	
Acetonitrile/H₂O 7/3 (v/v)	
Plate Silicagel 60 F₂₅₄	
Assay	98.2%
Purity (TLC)	99%
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

A handwritten signature in black ink, appearing to read 'Sashi Kumar', written in a cursive style and underlined.

Sashi Kumar
Quality Control Manager