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Certificate of Analysis

Catalogue Number 02223
Lot Number 000424-120408-16081
Product ***N*^δ-Z-L-ornithine**

L-Orn(Z)-OH

CAS Number 3304-51-6
Molecular Formula C₁₃H₁₈N₂O₄

Molecular Weight 266.3

Appearance White powder
Solubility 0.1 gram in 2 ml 50% Acetone:1N HCl=1:1
Melting Point 249.5-249.8° C
Optical Rotation [α]_D²⁰ = +21.1° (C=2.9 50% Acetone:1N HCl=1:1)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.20%
¹H NMR Conforms to structure
Purity by HPLC 98.97%
Storage Store at 0-8°C

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager