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Certificate of Analysis


Product Description: D-Ornithine Hydrochloride_
Catalog Number: 102514_
Lot: 1324H_

Formula: C₅H₁₂N₂O₂·HCl
CAS #: 16682-12-5
Physical Description: White Powder

Formula Weight: 168.62
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.8%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	235 - 245°C	237.5 - 238.0°C
Optical Rotation	Report Result	-23.5 (c=4, 6N HCl)

Solubility in Water - colorless and clear (c=5), Loss on Drying 0.02%, Residue on Ignition (as Sulfate) = 0.02%, Sulfate < 0.03%, Heavy metals (as Pb) < 10 ppm, Iron < 10 ppm, Ammonium < 0.02%, Arsenic < 1 ppm, Other Amino Acids: not detected by TLC (the spotted amount, 10 um)


11/06/2003 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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