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Certificate of Analysis

Product Description: D-Ornithine Hydrochloride
Catalog Number: 102514
Lot: 1362K

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 (5% aq soln): Colorless & Clear
Loss on Drying: 0.02%
Residue on Ignition (as Sulfate): 0.02%
Sulfate: #0.03%
Heavy Metals:#10 ppm
Iron: #10 ppm
Ammonium: #0.02%
Arsenic: #1 ppm

08/08/2008 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

