Chem-Impex International, Inc.

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Shipping and Correspondence:Manufacturing site:935 Dillon Drive825 Dillon DriveWood Dale, IL 60191Wood Dale, IL 60191

Certificate of Analysis

Catalog Number 02135

Product Name Z-Arg-OH•HCl

Z-L-arginine hydrochloride

Lot Number 000911-561006151

CAS Registry Number 56672-63-0

Molecular Formula $C_{14}H_{20}N_4O_4\cdot HCl$

Molecular Weight 344.8

Appearance White to off-white powder

Solution test Clear

Specific Optical Rotation - 8.6° (C = 2, H₂O)

Purity (HPLC) 99.4%

Storage Store at RT

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

Bala Kumar

Quality Control Manager