

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 03025
Lot Number 121213-16039
Product ***N*^ω-Nitro-D-arginine**

D-Arg(NO₂)-OH

CAS Number 66036-77-9
Molecular Formula C₆H₁₃N₅O₄

Molecular Weight 219.2

Appearance White powder
Solubility Clear solution (0.3g in 2 mL 2N HCl)
Melting Point 238.4-245.0 °C
Optical Rotation [α]_D²⁰ = -22.0° (C=2% in 2N HCl)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.1% (80 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.02%
Storage Store at RT

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