

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05543
Product	Boc-N^ω-(nitro)-L-homoarginine
Lot Number	000424-130917-21205 Boc-L-HomoArg(NO ₂)-OH
CAS Number	28968-64-1
Molecular Formula	C ₁₂ H ₂₃ N ₅ O ₆
Molecular Weight	333.35

Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2 ml DMF)
Melting Point	57.2-64.1 °C
Water Content (Karl Fisher)	1.466%
Optical Rotation	[α] _D ²⁰ = - 8.69 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	98.02%
Storage	Store at 0-8°C

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Lot Number: 000424-130917-21205

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