

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

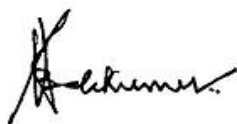
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	14851
Product	<i>N</i>^α-Fmoc-<i>N</i>^ω-bis-carbobenzoxy-L-homoarginine
Lot Number	000127-1049991 Fmoc-L-Homoarg(Z) ₂ -OH
Molecular Formula	C ₃₈ H ₃₈ N ₄ O ₈
Molecular Weight	678.74

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in dioxane) (0.5 mmol/mL in DMF)
Water Content (Karl Fisher)	0.2%
Analysis by Mass Spectra	Conforms to standard
Assay by titration	96.3% (TBAH)
D-Enantiomer	< 0.1%
Purity by HPLC	99.3%
Purity by TLC	> 99%
ESI-MS	m = 678.7 u (average mass)
Storage	Store at 0-8 °C
Additional Information	Acetic acid content (IC): 0.02%
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