

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

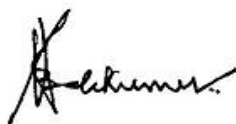
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	29321
Lot Number	000630-29703
Product	1,4,7-Tri-Boc-10-(carboxymethyl)-1,4,7,10-tetraazacyclododecane
CAS Number	247193-74-4
Molecular Formula	C ₂₅ H ₄₆ N ₄ O ₈
Molecular Weight	530.66

Appearance	White powder
Melting Point	135.6 °C
TLC System	Syst1: AcOEt/ CycloHex/ AcOH: (9:1:0.5) Impurities < 2% Syst2: nBuOH/ H ₂ O/ AcOH/ Pyr: (4/1/1/1) Impurities: < 2%
Analysis by Mass Spectra	M = 530.3
Storage	Store at 0-8 °C
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