

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	14713
Product	4,7,10-Tri-(<i>tert</i>-butyloxycarbonylmethyl)-
Lot Number	000424-210812-99583
	Tri- <i>tert</i> -butyl 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetate
CAS Number	137076-54-1
Molecular Formula	C ₂₈ H ₅₂ N ₄ O ₈
Molecular Weight	572.74

Appearance	Off-white solid
Water Content (Karl Fisher)	2.58%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	98.5%
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