## Chem-Impex International, Inc.

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Wood Dale, IL 60191

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

## Certificate of Analysis

Catalogue Number 30730

Product N-Boc-1,11-diamino-3,6,9-trioxaundecane

**Lot Number** 001331-20180401

tert-Boc-N-amido-PEG3-amine

**CAS Number** 101187-40-0 **Molecular Formula**  $C_{13}H_{28}N_2O_5$ 

Molecular Weight 292.37

Appearance Colorless to gray transparent liquid

1H NMR Conforms to structure
 Purity by TLC > 98% (Single spot)
 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**