Chem-Impex International, Inc.

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Shipping and Correspondence: Manufacturing site:

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 17891

Lot Number 001671-17891-101111

Product 1-Boc-2,2-dimethyl-piperazine

2,2-Dimethyl-piperazine-1-carboxylic acid tert butyl-ester

825 Dillon Drive

1-tert-Butoxycarbonyl-2,2-dimethyl-piperazine

CAS Number 674792-07-5 **Molecular Formula** $C_{11}H_{22}N_2O_2$

Molecular Weight 214.31

Appearance Thick light yellow colored liquid

¹**H NMR** Conforms to structure

Purity > 95% (NMR) 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

935 Dillon Drive

Quality Control Manager