Chem-Impex International, Inc.

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Shipping and Correspondence:

935 Dillon Drive 825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 17893

Product 1-Boc-1,2,3,4-tetrahydroquinoline-2-carboxylic

acid

Lot Number 001191-4460-194

1-Boc-3,4-dihydro-2*H*-quinoline-2-carboxylic acid

3,4-Dihydro-2*H*-quinoline-1,2-dicarboxylic acid 1-tert-butyl ester

Manufacturing site:

CAS Number 123811-87-0 **Molecular Formula** $C_{15}H_{19}NO_4$

Molecular Weight 277.32

Appearance Yellowish solid

¹H NMR Conforms to structure

Assay 97%

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