## Chem-Impex International, Inc.

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## Certificate of Analysis

Catalogue Number 18228

Product Thiomorpholine 1,1-dioxide hydrochloride

**Lot Number** V1633-T1DH-05102011

1,1-Dioxide-4-thiomorpholine hydrochloride

CAS Number 59801-62-6 Molecular Formula C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub>S•HCl

Molecular Weight 171.65

**Appearance** White solid

**Water Content (Karl** 

Fisher)

0.20%

<sup>1</sup>**H NMR** Conforms to structure

Purity by HPLC 98.6%

**Storage** Store at RT

**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**