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 27552

935 Dillon Drive

Lot Number 002095-20120521

Product 1-(3-Chlorophenyl)piperazine hydrochloride

 $1\hbox{-}(3\hbox{-}Chlorophenyl) piperazine monohydrochloride$

825 Dillon Drive

CAS Number 65369-76-8

Molecular Formula C₁₀H₁₃ClN₂•HCl

Molecular Weight 233.14

Appearance White to off-white crystalline powder

Loss on Drying 0.49

Related Substances 4-Chlorophenyl piperazine·HCl = 0.06%

Any individual impurity = 0.06%Total related impurity = 0.20%

Purity by HPLC 99.80%

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