Chem-Impex International, Inc.

Tel: (630) 766-2112 Fax: (630) 766-2218

E-mail: sales@chemimpex.com Web site: www.chemimpex.com

Shipping and Correspondence:935 Dillon Drive
825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 17338

Lot Number 17338-110509-BKT

Product 2-Piperazin-1-yl-quinoline

2-(1-Piperazino)quinoline

CAS Number 4774-24-7 Molecular Formula C₁₃H₁₅N₃

Molecular Weight 213.28

Appearance Off-white solid

Analysis by Mass Spectra Conforms to structure

¹H NMR Conforms to structure

Purity by HPLC 99.7% (HPLC) **Storage** Store at 2-8 °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