

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	21816
<b>Product</b>	<b>1-[3-(Trifluoromethyl)phenyl]piperazine</b>
<b>Lot Number</b>	001881-0011211 1-(3-Trifluoromethyl)piperazine
<b>CAS Number</b>	15532-75-9
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> F <sub>3</sub> N <sub>2</sub>
<b>Molecular Weight</b>	230.23

---

<b>Appearance</b>	Light yellow color viscous liquid
<b>Solubility</b>	Soluble in alcohol
<b>Boiling point</b>	65-71 °C (15mm)
<b>Density</b>	1.2244 g/mL (25 °C)
<b>Purity by GC</b>	99.05%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	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