

# *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>	17063
<b>Lot Number</b>	7894
<b>Product</b>	<b>4-(4-Methylpiperazino)benzaldehyde</b>

1-(4-Formylphenyl)-4-methylpiperazine

4-(4-Methylpiperazino)benzenecarbaldehyde

<b>CAS Number</b>	27913-99-1
-------------------	------------

<b>Molecular Formula</b>	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O
--------------------------	--

<b>Molecular Weight</b>	204.27
-------------------------	--------

---

<b>Appearance</b>	Yellow solid
-------------------	--------------

<b>Melting Point</b>	47-50 °C
----------------------	----------

<b><sup>1</sup>H NMR</b>	Conforms to structure
--------------------------	-----------------------

<b>LCMS</b>	Conforms to structure
-------------	-----------------------

<b>Purity</b>	ELSD: 100% (220nm), 100% (240nm), 100%(254nm), Mass confirmed.
---------------	---

<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**