

# *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>	20840
<b>Product</b>	<b>N-O-Tolyl-guanidine hydrochloride</b>

<b>Lot Number</b>	20840-101810-OT
-------------------	-----------------

<b>CAS Number</b>	6976-05-2
-------------------	-----------

<b>Molecular Formula</b>	C <sub>8</sub> H <sub>11</sub> N <sub>3</sub> •HCl
--------------------------	--

<b>Molecular Weight</b>	185.66
-------------------------	--------

---

<b>Appearance</b>	White powder
-------------------	--------------

<b>Melting Point</b>	132-134 °C
----------------------	------------

<b>Analysis by Mass Spectra</b>	Conforms to standard
---------------------------------	----------------------

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

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

<b>Purity</b>	> 96% (NMR)
---------------	-------------

<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**