

# *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>	21527
<b>Lot Number</b>	20100816
<b>Product</b>	<b>1-Methyl-3-indoleacetic acid</b>

(1-Methyl-1H-indol-3-yl)acetic acid

<b>CAS Number</b>	1912-48-7
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	189.21

---

<b>Appearance</b>	Off-white crystalline powder
<b>Melting Point</b>	127-128 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.15%
<b>Related Substances</b>	Impurities (HPLC): Largest Single Unspecified Impurity: < 0.50% Total Impurity: 1.47%
<b>Residue On Ignition</b>	0.12%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.53%
<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**