

# *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>	42458
<b>Lot Number</b>	001135-1451003
<b>Product</b>	<b>MOPSO</b> 3-Morpholino-2-hydroxypropanesulfonic acid
<b>CAS Number</b>	68399-77-9
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>15</sub> NO <sub>5</sub> S
<b>Molecular Weight</b>	225.27

---

<b>Appearance</b>	White powder
<b>Solubility</b>	Clear and complete solution (10% in water)
<b>pKa</b>	7 at 25 °C
<b>UV Ratios</b>	UV Abs. at 1 M in Water : A260 nm : 0.0 A280 nm : 0.0
<b>Loss on Drying</b>	0.2% (140 °C, 30 mins)
<b>Assay by titration</b>	99.7% (Dried basis)
<b>Grade</b>	Suitable for cell culture
<b>Storage</b>	Store at RT
<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**