

# Chem-Impex International, Inc.

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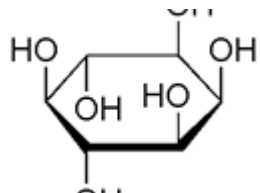
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00747
<b>Product</b>	<b><i>myo</i>-Inositol</b>
	1,2,3,5/4,6-Hexahydroxycyclohexane
	<i>meso</i> -inositol
<b>CAS Number</b>	87-89-8
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight</b>	180.2

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	224.0-227.0 °C
<b>Heavy Metals</b>	≤ 0.001%
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.005% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.006%
<b>Cation</b>	Calcium (Ca): Complies Iron (Fe) : ≤ 0.0005%
<b>Yeast and Mold</b>	≤ 100 cfu/g
<b>Loss on Drying</b>	≤ 0.5%
<b>Salmonella</b>	Negative
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay</b>	≥ 99%
<b>Grade</b>	NF/FCC
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Total Plate Count: ≤ 1000 cfu/g Identificaiton: Positive reaction Colon Bacillus: Negative

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**For Laboratory Use Only**