

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42325
<b>Product</b>	<b>Mannose-6-phosphate barium salt hydrate</b>
<b>Molecular Formula</b>	$C_6H_{11}BaO_9P \cdot xH_2O$
<b>Molecular Weight</b>	395.45

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<b>Warnings</b>	<i>Hygroscopic! Heat sensitive! Store under inert gas!</i>
<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Practically insoluble in water
<b>Water Content (Karl Fisher)</b>	$\leq 11\%$
<b>Optical Rotation</b>	$\alpha_D^{20} = 1 - 5^\circ$ (C=1 in H <sub>2</sub> O)
<b>Purity</b>	$\geq 85\%$ (calcd.on anh.substance)
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**