

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	38492
<b>Product</b>	<b>Polymyxin B sulfate salt powder</b>
<b>CAS Number</b>	1405-20-5
<b>Molecular Formula</b>	$C_{55}H_{96}N_{16}O_{13} \bullet 2H_2SO_4$
<b>Molecular Weight</b>	1385

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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	White to almost white powder
<b>Optical Rotation</b>	$[\alpha]^{20}_D = -78$ to $-90^\circ$
<b>Potency (Anhydrous Basis)</b>	$\geq 6000$ IU/MG (dried basis)
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**