

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	96038
<b>Product</b>	<b>Cefotaxime sodium salt</b> Claforan
<b>CAS Number</b>	64485-93-4
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>16</sub> N <sub>5</sub> O <sub>7</sub> S <sub>2</sub> Na
<b>Molecular Weight</b>	477.5

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<b>Appearance</b>	White to off-white crystalline powder
<b>pH</b>	4.5 - 6.5
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 58 - 64 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 3%
<b>Related Substances</b>	Individual impurity : ≤ 1% Total impurities : ≤ 3%
<b>Assay</b>	916 - 964 μg/mg (Dried basis)
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Identification : To pass test Sterility : To pass test

**For Laboratory Use Only**