

# Chem-Impex International, Inc.

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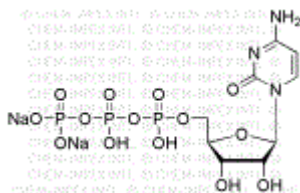
**Web site: www.chemimpex.com**

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00095
<b>Product</b>	<b>Cytidine-5'-triphosphate disodium salt</b> 5'-CTP•2Na Cytidine-5'-triphosphoric acid disodium salt
<b>CAS Number</b>	36051-68-0, 81012-87-5
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>14</sub> N <sub>3</sub> O <sub>14</sub> P <sub>3</sub> Na <sub>2</sub>
<b>Molecular Weight</b>	527.15

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (50 mg/mL in Water)
<b>Water Content (Karl Fisher)</b>	≤ 12%
<b>UV Ratios</b>	Ratios at pH 7.0 : A <sub>250/260</sub> = 0.81 - 0.87 A <sub>280/260</sub> = 0.94 - 1.00
<b>Purity by HPLC</b>	≥ 95%
<b>Purity by UV</b>	≥ 96% (on dry basis)
<b>Storage</b>	Store at -20 °C

**For Laboratory Use Only**