

Chem-Impex International, Inc.

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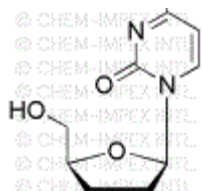
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	00089
Product	Cytidine Cytosine-β-D-ribose
CAS Number	65-46-3
Molecular Formula	C ₉ H ₁₃ N ₃ O ₅
Molecular Weight	243.22

Appearance	White to almost white crystalline powder
Melting Point	210 - 220 °C
Heavy Metals	≤ 10 ppm
Optical Rotation	[α] _D ²⁰ = 31 - 35 ° (C=0.7 g in 100 mL Water)
Loss on Drying	≤ 0.5%
Residue On Ignition	≤ 1%
Purity by HPLC	≥ 99%
Purity by UV	98.0 - 101.5%
Storage	Store at 0 - 8 °C

For Laboratory Use Only