

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	38848
Lot Number	001150-02202011003
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
<hr/>	
Appearance	White crystalline powder
Melting Point	210.7 - 211.7 °C
Heavy Metals	< 10 ppm
Optical Rotation	[α] _D ²⁰ = 33.6 ° (C = 0.7g in 100 mL water)
UV Ratios	A _{250/260} : 0.44 A _{280/260} : 2.07
Loss on Drying	0.2% (105 °C, 2h)
Residue On Ignition	0.05% (at 600 °C)
Purity by HPLC	99.5%
Purity by UV	99.3%
Grade	Suitable for cell culture
Storage	Store at 0 - 10 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager