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## Certificate of Analysis

<b>Product</b>	<b>98973 - Cytidine extrapure, 99% - [65-46-3]</b>
<b>Batch No</b>	<b>3887265</b>
<b>Analysis Date</b>	31-Aug-2023
<b>Date of Manufacture</b>	August 2023
<b>Expiry Date/Re-Test Date</b>	August 2028
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>
<b>Molecular Weight</b>	243.22

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Assay (UV)	min. 99%	99.9%
Specific rotation [ $\alpha$ ]	+28° to +30° (C= 5, NHCl)	+28.609°
Sulphated Ash	max. 0.1%	0.03%
Spectral Ratio (A250nm/A260nm)	0.41 - 0.49	0.47
Spectral Ratio (A280nm/A260nm)	2.0 - 2.2	2.1
Spectral Ratio (A290nm/A260nm)	~1.58	1.54

FRM/82/11/4/98973 Rev No. 1 Date 08/14/2017

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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