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PVT. LTD.**

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Certificate of Analysis

Product

**48666 - Cytidine-5-Triphosphate Disodium Salt
(5-CTP-Na₂) extrapure, 97% - [81012-87-5]**

Batch No

1731626

Analysis Date

28-Jan-2023

Date of Manufacture

January 2023

Expiry Date/Re-Test Date

January 2028

Molecular Formula

C₉H₁₄N₃O₁₄P₃Na₂

Molecular Weight

527.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline hygroscopic powder	Crystalline hygroscopic powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (UV) on dry basis	min. 97.0%	97.1%
Spectral Ratio (A _{250nm} /A _{260nm})	0.41 - 0.49	0.43
Spectral Ratio (A _{280nm} /A _{260nm})	2.0 - 2.20	2.13
Water (KF)	max.10%	6.7%

FRM/82/11/4/48666 Rev No. 2 Date 28/01/2023

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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