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Certificate of Analysis

Product

**56613 - Uridine-5-Triphosphate Trisodium Salt
Dihydrate (UTP-Na3) extrapure, 96% - [19817-92-6]**

Batch No

3851546

Analysis Date

29-Aug-2022

Date of Manufacture

August 2022

Expiry Date/Re-Test Date

August 2027

Molecular Formula

C₉H₁₂N₂O₁₅P₃Na₃

Molecular Weight

550.09

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (UV)	min. 96%	98.5%
Absorbance (A) of 1% aq. solution (pH 7.0) in a 1cm cell	.	
@262nm	170 - 180	173.2
Spectral Ratio (A250nm/A260nm)	0.72 - 0.78	0.75
Spectral Ratio (A280nm/A260nm)	0.36 - 0.40	0.37
Phosphate (P)	max. 0.5%	Passes
Water (KF)	max. 10%	9.8%

FRM/82/11/4/56613 Rev No. 1 Date 01/16/2020

Prepared by Amruta

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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