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Certificate of Analysis

Product	57046 - Thymine extrapure, 98% - [65-71-4]
Batch No	5020008
Analysis Date	10-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C ₅ H ₆ N ₂ O ₂
Molecular Weight	126.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Solubility (Colour) 1% aq. solution	Colourless	Colourless
Assay	min. 98%	98.2%
Sulphated Ash	max. 0.1%	0.03%
Heavy Metals (Pb)	max. 0.001%	Passes
Spectral Ratio (A250nm/A260nm)	0.63 - 0.71	0.68
Spectral Ratio (A280nm/A260nm)	0.50 - 0.58	0.53
Water	max. 1%	0.1%

FRM/82/11/4/57046 Rev No. 2 Date 28/02/2022

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,
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