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## Certificate of Analysis

<b>Product</b>	<b>20724 - Thymidine extrapure, 99% - [50-89-5]</b>
<b>Batch No</b>	<b>5236844</b>
<b>Analysis Date</b>	12-Dec-2024
<b>Date of Manufacture</b>	December 2024
<b>Expiry Date/Re-Test Date</b>	December 2029
<b>Molecular Formula</b>	C10H14N2O5
<b>Molecular Weight</b>	242.23

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Assay (UV)	min. 99%	99.2%
Melting Point	186 - 188°C	188°C
Loss on drying	max. 1%	0.4%
Heavy Metals (Pb)	max. 0.001%	Passes
Spectral Ratio (A250nm/A260nm)	0.63 - 0.67	0.64
Spectral Ratio (A280nm/A260nm)	0.70 - 0.80	0.72

FRM/82/11/4/20724 Rev No. 4 Date 30/09/2024

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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