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# Certificate of Analysis

<b>Product</b>	<b>57892 - Guanosine extrapure, 99% - [118-00-3]</b>
<b>Batch No</b>	<b>1061156</b>
<b>Analysis Date</b>	08-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	C10H13N5O5
<b>Molecular Weight</b>	283.24

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in 1M HCl	Clear	Clear
Solubility (Colour) 10% solution in 1M HCl	Colourless to pale yellow	Pale yellow
Assay (UV)	min. 99%	99.8%
Specific rotation $[\alpha]$ @20°C	- 72° to - 80° (C=1, 1N NaOH)	-74.176°
Sulphated Ash	max. 0.1%	0.1%
Water (KF)	max. 5%	4.7%
Heavy Metals (Pb)	max. 0.001%	Passes
Spectral Ratio (A250nm/A260nm)	~ 0.94	0.94
Spectral Ratio (A280nm/A260nm)	~ 0.69	0.69
Spectral Ratio (A290nm/A260nm)	~ 0.5	0.5

FRM/82/11/4/57892 Rev No. 3 Date 13/04/2022

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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