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## Certificate of Analysis

<b>Product</b>	<b>44260 - Guanine extrapure, 99% - [73-40-5]</b>
<b>Batch No</b>	<b>3940856</b>
<b>Analysis Date</b>	30-Mar-2024
<b>Date of Manufacture</b>	March 2024
<b>Expiry Date/Re-Test Date</b>	March 2029
<b>Molecular Formula</b>	C5H5N5O
<b>Molecular Weight</b>	151.13

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to pale yellow	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% soln in 1N HCl	Clear	Clear
Assay by UV	min. 99%	99.5%
Loss on drying	max. 1%	0.3%
Heavy Metals (Pb)	max. 0.001%	Passes
Sulphated Ash	max. 0.5%	0.3%
A250nm/A260nm	1.34 - 1.42	1.37
A280nm/A260nm	0.81 - 0.87	0.81
A290nm/A260nm	0.45 - 0.53	0.46

FRM/82/11/4/44260 Rev No. 3 Date 30/03/2024

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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