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Certificate of Analysis

Product	63573 - Hypoxanthine extrapure, 99% - [68-94-0]
Batch No	8305991
Analysis Date	06-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C5H4N4O
Molecular Weight	136.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Off-white to Pale cream	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2% solution in 2N HCl	Clear	Clear
Solubility (Colour) 2% solution in 2N HCl	Colourless to Pale yellow	Pale yellow
Assay (UV)	min. 99%	99.8%
Loss on drying	max. 0.5%	0.2%
Sulphated Ash	max. 0.1%	0.06%
Heavy Metals (Pb)	max. 0.001%	Passes
Spectral Ratio (A250nm/A260nm)	1.30 - 1.34	1.34
Spectral Ratio (A280nm/A260nm)	0.08 - 0.10	0.10
Spectral Ratio (A290nm/A260nm)	max. 0.03	0.02

FRM/82/11/4/63573 Rev No. 3 Date 14/06/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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