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Certificate of Analysis

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Product | 87583 - Adenine Sulphate extrapure, 99% - [321-30-2] |
| Batch No | 2021667 |
| Analysis Date | 29-Jul-2023 |
| Date of Manufacture | July 2023 |
| Expiry Date/Re-Test Date | July 2028 |
| Molecular Formula | (C ₅ H ₅ N ₅) ₂ .H ₂ SO ₄ .2H ₂ O |
| Molecular Weight | 404.40 |

| Test Parameters | Standards | Actual Results |
|------------------------------------------------|---------------------------|--------------------|
| Appearance (Colour) | White to off-white | Off-white |
| Appearance (Form) | Crystalline powder | Crystalline powder |
| Solubility (Turbidity) 1% solution in 0.1N HCl | Clear | Clear |
| Solubility (Colour) 1% solution in 0.1N HCl | Colourless to pale yellow | Pale yellow |
| Assay | min. 99% | 99.6% |
| A250nm/A260nm | 0.72 - 0.80 | 0.76 |
| A280nm/A260nm | 0.34 - 0.42 | 0.36 |
| A290nm/A260nm | 0.01 - 0.05 | 0.02 |

FRM/82/11/4/87583 Rev No. 2 Date 29/09/2018

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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