



**SISCO
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Certificate of Analysis

| | |
|---------------------------------|--|
| Product | 65142 - Creatinine extrapure CHR, 99% - [60-27-5] |
| Batch No | 7305283 |
| Analysis Date | 04-Feb-2024 |
| Date of Manufacture | February 2024 |
| Expiry Date/Re-Test Date | February 2029 |
| Molecular Formula | C4H7N3O |
| Molecular Weight | 113.12 |

| Test Parameters | Standards | Actual Results |
|--|--------------------|--------------------|
| Appearance (Colour) | White | White |
| Appearance (Form) | Crystalline powder | Crystalline powder |
| Solubility (Turbidity) 5% aq. solution | Clear | Clear |
| Solubility (Colour) 5% aq. solution | Colourless | Colourless |
| Assay (NT) (On dry basis) | min. 99% | 99.7% |
| pH (5% aq. solution) | 7.5 - 8.5 | 8.2 |
| Loss on drying | max. 0.5% | 0.2% |
| Sulphated Ash | max. 0.1% | 0.03% |
| Chloride (Cl) | max. 0.2% | Passes |
| Heavy Metals (Pb) | max. 0.001% | Passes |
| Homogeneity by TLC | Passes test | Passes |

FRM/82/11/4/65142 Rev No. 2 Date 05/09/2023

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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