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Certificate of Analysis

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|---------------------------------|--|
| Product | 92647 - Zinc Sulphate Heptahydrate for cell culture, 99.5%, Endotoxin (BET) 0.05EU/mg - [7446-20-0] |
| Batch No | 9059028 |
| Analysis Date | 07-Jan-2024 |
| Date of Manufacture | January 2024 |
| Expiry Date/Re-Test Date | January 2029 |
| Molecular Formula | ZnSO ₄ .7H ₂ O |
| Molecular Weight | 287.54 |

| Test Parameters | Standards | Actual Results |
|---|--------------------|--------------------|
| Appearance (Colour) | White | White |
| Appearance (Form) | Crystalline powder | Crystalline powder |
| Solubility (Turbidity) 10% aq. solution | Clear | Clear |
| Solubility (Colour) 10% aq. solution | Colourless | Colourless |
| Assay (EDTA Titration) | min. 99.5 % | 99.7% |
| pH (5% aq. solution) | 4.4 - 6.0 | 5.1 |
| Chloride (Cl) | max. 0.0005 % | Passes |
| Iron (Fe) | max. 0.0005 % | Passes |
| Heavy Metals (Pb) | max. 0.001% | Passes |
| Nitrogen Compounds (N) | max. 0.0005 % | Passes |
| Copper (Cu) | max. 0.0005 % | Passes |
| Sodium (Na) | max. 0.001% | Passes |
| Potassium (K) | max. 0.001% | Passes |
| Suitability for Cell Culture | Passes test | Passes |
| Bacterial Endotoxin Test (BET) (EU/mg = IU/mg) | <0.05 EU/mg | Passes |

FRM/82/11/4/92647 Rev No. 3 Date 18/05/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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