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## Certificate of Analysis

|                                 |  |
|---------------------------------|--|
| <b>Product</b>                  | <b>10942 - Potassium Hydrogen Sulphate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [7646-93-7]</b> |
| <b>Batch No</b>                 | <b>2585444</b>   |
| <b>Analysis Date</b>            | 29-Jan-2024  |
| <b>Date of Manufacture</b>      | January 2024   |
| <b>Expiry Date/Re-Test Date</b> | January 2029   |
| <b>Molecular Formula</b>        | KHSO <sub>4</sub>  |
| <b>Molecular Weight</b>         | 136.16   |

| Test Parameters                         | Standards                            | Actual Results |
|---|--------------------------------------|----------------|
| ExiPlus                                 | meets compendial specs of BP, Ph.Eur | Passes         |
| Appearance (Colour)                     | White                                | White          |
| Appearance (Form)                       | Powder or crystals                   | Crystals       |
| Solubility (Turbidity) 10% aq. solution | Clear                                | Clear          |
| Solubility (Colour) 10% aq. solution    | Colourless                           | Colourless     |
| Assay (NaOH titration)                  | min. 99%                             | 99.7%          |
| Insoluble matter                        | max. 0.003%                          | 0.002%         |
| Chloride (Cl)                           | max. 0.0005%                         | Passes         |
| Iron (Fe)                               | max. 0.0005%                         | Passes         |
| Sodium (Na)                             | max. 0.02%                           | Passes         |
| Ammonium (NH <sub>4</sub> )             | max. 0.003%                          | Passes         |
| Nitrogen Compounds (N)                  | max. 0.001%                          | Passes         |
| Phosphate (PO <sub>4</sub> )            | max. 0.001%                          | Passes         |
| Aluminium (Al)                          | max. 0.002%                          | Passes         |
| Calcium (Ca)                            | max. 0.005%                          | Passes         |
| Copper (Cu)                             | max. 0.0005%                         | Passes         |
| Lead (Pb)                               | max. 0.0005%                         | Passes         |

FRM/82/11/4/10942 Rev No. 3 Date 29/01/2024

Prepared by Jayesh

In compliance with the standard specifications of SRL

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

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