

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM SULPHATE AR**

|                         |                                  |                     |              |
|-------------------------|----------------------------------|---------------------|--------------|
| <b>CAS No</b>           | : 7778-80-5                      | <b>Product code</b> | : 25160      |
| <b>Mol. Formula</b>     | : K <sub>2</sub> SO <sub>4</sub> | <b>Batch No</b>     | : MCRT-28917 |
| <b>Mol. WT</b>          | : 174.27                         | <b>Mfd.</b>         | : July 2023  |
| <b>Date of analysis</b> | : 31/07/23                       | <b>Exp.</b>         | : June 2028  |

| S.R | Test                          | Specification                         | Observation               |
|-----|-------------------------------|---------------------------------------|---------------------------|
| 1   | <b>Description</b>            | White crystals or crystalline powder. | White crystalline powder. |
| 2   | <b>Assay</b>                  | 99.0% min.                            | 99.91%                    |
| 3   | <b>pH (5% aq. solution)</b>   | 5.5 – 7.5                             | 6.82                      |
| 4   | <b>Water insoluble matter</b> | 0.01% max                             | 0.005%                    |
| 5   | <b>Chloride (Cl)</b>          | 0.0005% max                           | <0.0005%                  |
| 6   | <b>Total Nitrogen (N)</b>     | 0.0005% max                           | <0.0005%                  |
| 7   | <b>Lead (Pb)</b>              | 0.0005% max                           | <0.0005%                  |
| 8   | <b>Arsenic (As)</b>           | 0.0002% max                           | <0.0002%                  |
| 9   | <b>Calcium (Ca)</b>           | 0.005% max                            | <0.005%                   |
| 10  | <b>Iron (Fe)</b>              | 0.005% max                            | <0.005%                   |
| 11  | <b>Magnesium (Mg)</b>         | 0.002% max                            | <0.002%                   |
| 12  | <b>Sodium (Na)</b>            | 0.02% max                             | <0.02%                    |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Priyanka)**

**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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