

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ZINC SULPHATE AR (HEPTAHYDRATE)**

|                         |  |                     |              |
|-------------------------|--|---------------------|--------------|
| <b>CAS No</b>           | : 7446-20-0                            | <b>Product code</b> | : 26930      |
| <b>Mol. Formula</b>     | : ZnSO <sub>4</sub> .7H <sub>2</sub> O | <b>Batch No.</b>    | : MCAR-00921 |
| <b>Mol. WT</b>          | : 287.54                               | <b>Mfd.</b>         | : Dec. 2024  |
| <b>Date of analysis</b> | : 09/12/24                             | <b>Exp.</b>         | : Nov. 2029  |

| S.R | Test                        | Specification                                    | Observation               |
|-----|-----------------------------|--|---------------------------|
| 1   | <b>Description</b>          | Colourless crystals or white crystalline powder. | White crystalline powder. |
| 2   | <b>Assay</b>                | 99.5 - 101.0%w/w                                 | 99.72% w/w                |
| 3   | <b>pH (5% aq. solution)</b> | 4.4 - 6.0  | 4.50                      |
| 4   | <b>Chloride (Cl)</b>        | 0.0005% max                                      | <0.0005%                  |
| 5   | <b>Total nitrogen (N)</b>   | 0.0005% max                                      | < 0.0005%                 |
| 6   | <b>Arsenic (As)</b>         | 0.0001% max                                      | <0.0001%                  |
| 7   | <b>Calcium (Ca)</b>         | 0.001% max                                       | <0.001%                   |
| 8   | <b>Copper (Cu)</b>          | 0.0005% max                                      | <0.0005%                  |
| 9   | <b>Iron (Fe)</b>            | 0.0005% max                                      | <0.0005%                  |
| 10  | <b>Lead (Pb)</b>            | 0.001% max                                       | <0.001%                   |
| 11  | <b>Manganese (Mn)</b>       | 0.0003% max                                      | <0.0003%                  |
| 12  | <b>Potassium (K)</b>        | 0.001% max                                       | <0.001%                   |
| 13  | <b>Sodium (Na)</b>          | 0.001% max                                       | <0.001%                   |

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

**[Tested By]**



**CHEMIST  
(Sayli)**

**[QC Incharge]**



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

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