

# CERTIFICATE OF ANALYSIS

| Product Description | Batch | Re-Test Date | Customer Reference |
|---------------------|-------|--------------|--------------------|
| EPSOM SALT FCC      | 10198 | 12/2025      |                    |

| PARAMETERS                              | SPECIFICATION            | RESULTS  |
|---|--------------------------|----------|
| Colour and Appearance:                  | White crystalline solid  | Conforms |
| Odour:                                  | Faint odour              | Conforms |
| pH (Aqueous Solution) @ 25°C :          | 7.8 - 8.2                | Conforms |
| Melting Point °C :                      | 770                      | Complies |
| Density:                                | 1.7 g/cm <sup>3</sup>    | Complies |
| Water solubility @ 20°C                 | MgSO <sub>4</sub> 342g/l | Complies |
| Magnesium Sulphate (MgSO <sub>4</sub> ) | 49.0% (Typical)          | 49.3%    |
| Water (H <sub>2</sub> O)                | 51.0% (Typical)          | 50.7%    |
| Sodium (Na)                             | 100mg/Kg                 | Complies |
| Potassium (K)                           | 400mg/Kg                 | Complies |
| Calcium (Ca)                            | 100mg/Kg                 | Complies |
| Chloride (Cl)                           | 200mg/Kg                 | Complies |
| H <sub>2</sub> O Insolubles             | 20mg/Kg                  | Complies |
| Iron (Fe)                               | 1mg/Kg                   | Complies |
| Heavy metals (as Pb)                    | < 5mg/Kg                 | Complies |

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