

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM SULPHATE (DIHYDRATE) AR

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|-------------------------|--|---------------------|--------------|
| CAS No | : 10101-41-4 | Product code | : 22510 |
| Mol. Formula | : CaSO ₄ .2H ₂ O | Batch No | : MCRT-28168 |
| Mol. WT | : 172.17 | Mfd. | : May 2023 |
| Date of Analysis | : 03/05/23 | Exp. | : April 2028 |

| S.R | Test | Specification | Observation |
|-----|---|----------------------------|---------------|
| 1 | Description | White to off white powder. | White powder. |
| 2 | Assay | 99.0% min | 99.15% |
| 3 | HCl insoluble matter | 0.01% max | 0.007% |
| 4 | Free acid (as H₂SO₄) | 0.01% max | < 0.01% |
| 5 | Carbonate (CO₃) | 0.1% max | < 0.1% |
| 6 | Chloride (Cl) | 0.002% max | < 0.002% |
| 7 | Nitrate (NO₃) | 0.002% max | < 0.002% |
| 8 | Loss on drying at 250°C | 19 - 22% | 20.10% |
| 9 | Iron (Fe) | 0.0005% max | < 0.0005% |
| 10 | Lead (Pb) | 0.002% max | < 0.002% |
| 11 | Potassium (K) | 0.01% max | < 0.01% |
| 12 | Magnesium (Mg) | 0.01% max | < 0.01% |
| 13 | Sodium (Na) | 0.01% max | < 0.01% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Sonu)**

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

Note: Computer generated image requires no sign