



# Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69, G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)

Telefax : 91-265-2841531, 2841532, 2841534, 2841535

Email: salesindia@qualikems.com, www.qualikems.com

## CERTIFICATE OF ANALYSIS

|                          |                                   |                         |                 |
|--------------------------|-----------------------------------|-------------------------|-----------------|
| <b>Name of Product</b>   | : Magnesium Sulphate Heptahydrate | <b>CAS No.</b>          | : 10034-99-8    |
| <b>Molecular Formula</b> | : $MgSO_4 \cdot 7H_2O$            | <b>Molecular Weight</b> | : 246.47 g/mole |
| <b>Batch No.</b>         | : QF2601136                       | <b>Grade</b>            | : LR            |
| <b>Mfg. Date</b>         | : January-2026                    | <b>Retest Date</b>      | : December-2030 |

| Sr. No.                              | Tests                    | Specification            | Observation |
|--------------------------------------|--------------------------|--------------------------|-------------|
| 1                                    | Appearance               | White Crystalline powder | Complies    |
| 2                                    | Assay                    | Min 99.0%                | 99.62 %     |
| 3                                    | pH (5% aq. Solution)     | 5.0 – 8.2                | 6.12        |
| <b>Maximum limits of impurities:</b> |                          |                          |             |
| 4                                    | Free alkali(as NaOH)     | 0.008%                   | 0.006 %     |
| 5                                    | Free acid(as $H_2SO_4$ ) | 0.01%                    | 0.002 %     |
| 6                                    | Heavy metals(as Pb)      | 0.0005 %                 | 0.0003 %    |
| 7                                    | Arsenic(As)              | 0.0002 %                 | <0.0002 %   |
| 8                                    | Chloride (Cl)            | 0.014%                   | < 0.014 %   |
| 9                                    | Calcium(Ca)              | 0.01%                    | 0.004 %     |
| 10                                   | Iron (Fe)                | 0.001 %                  | <0.001 %    |
| 11                                   | Selenium(Se)             | 0.001 %                  | 0.0002 %    |
| 12                                   | Loss on drying(450°C)    | 49 -52 %                 | 50.10 %     |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

Sales Office : 5531, Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA

Tel : +91-11-23618475/23618476 | Fax: +91-11-23678476

