

## Certificate of Analysis (COA)

**Product Name:** Magnesium Sulphate Heptahydrate ( $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ )

**Batch No.:** MS-2026

### Specifications & Test Results

Parameter	Specification	Test Result
Appearance	White crystalline powder / granules	Conforms
Magnesium Content (Mg)	$\geq 9.8 \%$	10.0 %
Sulphate Content ( $\text{SO}_4$ )	$\geq 16.0 \%$	16.2 %
Water Soluble Magnesium	$\geq 98 \%$	99 %
Water Soluble Sulphate	$\geq 98 \%$	99 %
pH (5% aqueous solution)	5.5 – 7.5	6.2
Moisture Content	$\leq 5.0 \%$	4.5 %
Heavy Metals (as Pb)	$\leq 20 \text{ ppm}$	12 ppm
Water Insoluble Matter	$\leq 0.2 \%$	0.1 %
Odor	Odorless	Conforms

### Additional Information

- **Solubility:** Highly soluble in water
- **Recommended Use:** Foliar spray, fertigation, soil amendment
- **Packaging:** 25 kg / 50 kg HDPE bags or bulk
- **Storage:** Keep in a cool, dry place, away from moisture and direct sunlight