

## CERTIFICATE OF ANALYSIS (COA)

### Magnesium Chloride Crystals ( $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ )

CAS No.	7791-18-6
Batch No.	KMF/MCC/2025/001
Consignee	To be Advised
Date of Analysis	14/09/2025

Parameter	Specification	Result
Appearance	White to off-white crystalline flakes	Complies
Purity (as $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ )	Min. 98%	98.5%
Magnesium (as Mg)	Min. 11.8%	12.0%
Moisture	Max. 2.0%	1.2%
Sulphate (as $\text{SO}_4^{2-}$ )	Max. 0.05%	0.01%
Iron (as Fe)	Max. 50 ppm	15 ppm
Matter Insoluble	Max. 0.1%	0.05%

**Conclusion:** Material complies with specifications.

