

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Magnesium Sulphate Technical
2. Alternative Names	Epsom Salt
3. CAS Number	10034-99-8
4. Formula	MgSO ₄ .7H ₂ O
5. Mol Weight	246.47
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	June-2024

Tests	Specifications	Results
Description	Colorless needle like crystals	Colorless needle like crystals
Solubility	Freely soluble in water, very soluble in boiling water, practically insoluble in alcohol	Complies test
Identification	Reactions of Magnesium	Positive
	Reactions of Sulphate	Positive
Clarity & Color of Solution	Clear, Colorless	Complies test
Acidity or Alkalinity	To Complies test	Passes Test
Protocol applied	Standard Limits	Observation
Fe %	0.02 max.	< 0.002
Matter insoluble In Water	0.2% max.	0.10%
Cl %	1.0 max.	< 0.6
MgSO ₄ -7H ₂ O, %	Limits 98.0 - 100.0	98.6