

Certificate of Analysis

Jun, 2024

Brand name	Magnesium Sulphate Heptahydrate
Chemical name	Magnesium Sulphate Heptahydrate
Chemical formula	MgSO ₄ ·7H ₂ O
Appearance	White crystalline powder
Application	Fertilizer
Batch number	20240515
Production date	15/05/2024
Expiry date	15/05/2026

Section 2 Chemical Analysis:

Item	Standard	Method
S	11%	SN/T0546-2004
Mg	9%	SN/T0546-2004

Section 3 Heavy metals:

Item	Typical in ppm	Method
As	0.018	SN/T0448-2011
Pb	Not detected	SN/T0448-2011
Cr	Not detected	SN/T0448-2011
Hg	0.006	SN/T0448-2011
Cd	0.049	SN/T0448-2011
Potassium Oxide	Not detected	Icp method

*indicates no residue detected above detection limit

Section 4 Physical properties:

	Specifications
Density	1.08kg/L
pH	5-8 (5% solution)
Insoluble	0.1%max
Solubility in water	351g/L at 20°C
Format	Solid- Powder

Menzhi chao
Authorized Signature(s)