

LAIZHOU ZHONGDA CHEMICALS CO., LTD.

Laizhou YongAn industrial development Zone, Shandong, China

CERTIFICATE OF ANALYSIS

PRODUCE NAME: 250 MT MAGNESIUM SULFATE HEPTAHYDRATE

BATCH NO. : 20231208

MANUFACTURING DATE: 08.12.2023

EXPIRY DATE: 07.12.2025

ORDER NO.:MAN.6664/8108/2023

THIS IS TO CERTIFY THAT THE ANALYSIS RESULT OF THE GOODS IS AS FOLLOWS:

THE BOVE RESULTS ARE ALL FROM THE ACTUAL MANUFACTURER.

ITEMS	STANDARD	ANALYSIS RESULT
APPEARANCE	WHITE CRYSTAL	WHITE CRYSTAL
MgSO ₄ ·7H ₂ O ≥ %	99	99.61
MgSO ₄ ≥ %	48.59	48.64
MgO ≥ %	16.27	16.29
S ≥ %	12.88	12.96
Chloride(Cl) ≡ %	0.1	0.03
Iron(Fe) ≡ %	0.001	0.0003
Heavy metal(Pb) ≡ %	0.0008	0.0001
Arsenide(As) ≡ %	0.0002	0.0001
Insolubel in the water ≡ %	0.01	0.01
PH	6-8	6.5
Mg ≥ %	9.81	9.82
Particle Size(mm)%	0.1-1	0.1-1
Inform Solubility	338.2 G/L	338.2 G/L
Inform Saline Index%	48.53	48.63
Inform Electrical Conductivity	0.57 Ms/cm	0.57 Ms/cm
As	5 mg/kg max	1 mg/kg max
Pb	5 mg/kg max	1 mg/kg max
Cd	1.10 mg/kg max	0.07 mg/kg
Cr	8.6 mg/kg max	8.0 mg/kg
Hg	5.5 ug/kg max	0.2Ug/kg

LAIZHOU ZHONGDA CHEMICAL CO.,LTD
莱州市中大化工有限公司
孙红敏
GENERAL MANAGER