

LAIZHOU ZHONGDA CHEMICALS CO., LTD.

Laizhou YongAn industrial development Zone, Shandong, China

CERTIFICATE OF ANALYSISPRODUCE NAME: 1400 MT MAGNESIUM SULFATE HEPTAHYDRATEBATCH NO. : 20210120MANUFACTURING DATE: 20.01.2021EXPIRY DATE: 19.01.2023ORDER NO.: MAN.6664/7452/2020THIS 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
$\text{MgSO}_4 \cdot 7\text{H}_2\text{O} \geq \%$	99	99.75
$\text{MgSO}_4 \geq \%$	48.59	48.63
$\text{MgO} \geq \%$	16.27	16.29
$\text{S} \geq \%$	12.88	12.94
Chloride(Cl) $\leq \%$	0.1	0.03
Iron(Fe) $\leq \%$	0.001	0.0003
Heavy metal(Pb) $\leq \%$	0.0008	0.0001
Arsenide(As) $\leq \%$	0.0002	0.0001
Insolubel in the water $\leq \%$	0.01	0.01
PH	6-8	6
$\text{Mg} \geq \%$	9.81	9.83
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