



JIANGSU KHONOR CHEMICALS CO., LIMITED

CERTIFICATE OF ANALYSIS

NAME	Magnesium Carbonate	QUANTITY	20MT
MFG. DATE	Apr. 15, 2025	BATCH NO.	250415A
EXP. DATE	Apr. 14, 2027	APPLICATION	FOOD

Name of Index	STANDARD	Test result
Appearance	White, light, amorphous powder	Conforms
Identification	Positive for Magnesium and Carbonate	Conforms
Assay(as $MgCO_3$)	% 40.0 – 43.5	42.68
Loss on Ignition(at 800 °C)	% 52.0 – 58.0	54.21
Loss on Drying	≤% 2.0	0.72
pH(10% solution)	9.0 – 10.5	9.64
Acid Insoluble Substances	≤% 0.05	0.014
Heavy metals (as Pb)	≤ppm 20	2.3
Arsenic (As)	≤ppm 3	0.21
Cadmium (Cd)	≤ppm 1.0	0.08
Mercury (Hg)	≤ppm 0.1	0.017
Bulk Density	g/mL 0.2 – 0.5	0.31
Total Plate Count	≤ CFU/g 1000	150
Yeast & Mold	≤ CFU/g 100	<10
E. coli	Negative	Negative
Salmonella	Negative	Negative

ANALYST: Xiao Shan

APPROVER: Liang Mu