



JIANGSU KHONOR CHEMICALS CO., LIMITED

CERTIFICATE OF ANALYSIS

NAME	Magnesium Dihydrogen Phosphate	QUANTITY	20MT
MFG. DATE	Jan. 13, 2026	BATCH NO.	260113A
EXP. DATE	Jan. 12, 2028		

Name of Index	STANDARD	Test result
Appearance	White crystalline powder or granules	Conforms
Odor	Odorless	Conforms
Magnesium (Mg)	9.5–11.0 %	10.2 %
Phosphate (PO_4^{3-})	36–38 %	36.5 %
Moisture	≤ 5.0 %	4.2 %
pH (10% solution)	4.5–6.0	5.2
Water Insolubles	≤ 0.2 %	0.1 %
Heavy Metals (as Pb)	≤ 10 ppm	< 10 ppm
Arsenic (As)	≤ 3 ppm	< 1 ppm
Lead (Pb)	≤ 2 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 0.1 ppm
Cadmium (Cd)	≤ 1 ppm	< 0.2 ppm
Microbiological Limits		
– Total Plate Count	$\leq 10,000$ cfu/g	< 500 cfu/g
– Yeast & Mold	≤ 1000 cfu/g	< 100 cfu/g
– E. coli	Negative / 10 g	Negative
– Salmonella	Negative / 25 g	Negative

ANALYST: Guang Wang

APPROVER: Shan Zhang