

CERTIFICATE OF ANALYSIS

Product Name: CaMg Phytate

Batch No.:20240108

Expiry Date:2026.1.7

Batch weight: 500KG

Produce Date:2024.1.8

Analysis Items	Specifications	Methods	Results
DESCRIPTION	White or slight off-white powder	Visual	Conforms
IDENTIFICATION	Reaction	Eligible	Eligible
	Precipitation reaction		
TOTAL PHOSPHORUS (Dry Base)	≥19%	X-Ray Fluorescence	19.1%
CaMg PHYTATE CONTENT	≥85%	CP2010	86.0%
CALCIUM	≥17.0%	X-Ray Fluorescence	20.4%
MAGNESIUM	0.5%--5.0%	GB 5009.241	3.9%
RESIDUE ON IGNITION	68.0%--78.0%	CP2010	77.5%
HEAVY METAL	≤20ppm	GB5009.74	Conforms
ARSENIC	≤3.0ppm	ICP-MS	<2.5ppm
LEAD	≤3.0ppm	ICP-MS	<1.0ppm
CADMIUM	≤1.0ppm	ICP-MS	<1.0ppm
MERCURY	≤0.1ppm	ICP-MS	<0.1ppm
LOSS ON DRYING	≤10.0%	CP2010	3.0%
MESH SIZE	14--120	Fineness plan	Pass
MICROBIOLOGY			
TOTAL PLATE COUNT	≤1,000 cfu/g	CP2005	<1,000 cfu/g
YEAST & MOLDS	≤500 cfu/g	CP2005	<500 cfu/g
ENTEROBACTERIA	≤100 cfu/g	CP2005	<100 cfu/g
E.COLI	Negative	CP2005	Negative
SALMONELLA	Negative	CP2005	Negative
COLIFORMS	Negative	CP2005	Negative
CONCLUSION	Meet the specification		

Analyst: Wen Qian

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