

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)	$\geq 19\%$	X-Ray Fluorescence	19.1%
CaMg PHYTATE CONTENT	$\geq 85\%$	CP2010	86.0%
CALCIUM	$\geq 17.0\%$	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	$\leq 20\text{ppm}$	GB5009.74	Conforms
ARSENIC	$\leq 3.0\text{ppm}$	ICP-MS	$< 2.5\text{ppm}$
LEAD	$\leq 3.0\text{ppm}$	ICP-MS	$< 1.0\text{ppm}$
CADMIUM	$\leq 1.0\text{ppm}$	ICP-MS	$< 1.0\text{ppm}$
MERCURY	$\leq 0.1\text{ppm}$	ICP-MS	$< 0.1\text{ppm}$
LOSS ON DRYING	$\leq 10.0\%$	CP2010	3.0%
MESH SIZE	14--120	Fineness plan	Pass
MICROBIOLOGY			
TOTAL PLATE COUNT	$\leq 1,000\text{ cfu/g}$	CP2005	$< 1,000\text{ cfu/g}$
YEAST & MOLDS	$\leq 500\text{ cfu/g}$	CP2005	$< 500\text{ cfu/g}$
ENTEROBACTERIA	$\leq 100\text{ cfu/g}$	CP2005	$< 100\text{ cfu/g}$
E. COLI	Negative	CP2005	Negative
SALMONELLA	Negative	CP2005	Negative
COLIFORMS	Negative	CP2005	Negative
CONCLUSION	Meet the specification		

Analyst: Wen Qian

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