



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Issue Date: February 29, 2026 Quality Release Date: February 29, 2026

Product Information

Product Name	Dipotassium Phosphate (Feed Grade, Anhydrous)
Product Number	DKP-F20260229
Batch Number	DKP-SH2026022901
Brand	SIGALD
CAS Number	16788-57-1
EINECS Number	231-913-4
Formula	K_2HPO_4
Formula Weight	174.18 g/mol

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance	White crystalline powder or granules	White crystalline powder	-	Visual Inspection
Assay (as K_2HPO_4)	$\geq 98.0\%$	99.2%	%	Titration Method
Total Phosphorus (P)	$\geq 17.0\%$	17.5%	%	Gravimetric Method
Potassium (K)	$\geq 40.0\%$	41.2%	%	Flame Photometry
pH Value (1% w/v in H_2O , 25°C)	8.5 - 9.5	9.0	-	Digital pH Meter
Loss on Drying	$\leq 1.0\%$	0.3%	%	105°C, 2h Gravimetry
Insoluble Matter in Water	$\leq 0.1\%$	0.02%	%	Gravimetric Method
Fluoride (F)	≤ 180 ppm	82 ppm	ppm	Ion-Selective Electrode
Arsenic (As)	≤ 2 ppm	< 0.5 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Heavy Metals (Pb)	≤ 10 ppm	1.9 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Total Bacterial Count	$\leq 10^4$ CFU/g	220 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	ISO 16649-2
Salmonella	Negative	Negative	-	ISO 6579-1

Certification

This batch of Dipotassium Phosphate (Feed Grade) has been tested in accordance with the specified feed additive standards and meets all quality requirements. It is approved for release and use in animal nutrition.