



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-CALCIUM GLYCEROPHOSPHATE

CAS: 27214-00-2

Batch Number: FTF0260119 Batch Quantity:1000kg

Manufacture Date:Jan.17th,2026 Analysis Date:Jan.18th,2026 Certificate Date:Jan.19th,2026

Storage Sealed, cool, dry and protected from light

term of validity If it is properly kept unopened for 12 months, it can still be used if it is qualified after re inspection.

Item	Standard	Test Results
Appearance	White or almost white powder hygroscopic It is soluble in water, and the aqueous solution is alkaline.	Conform
Solubility	Citric acid or lactic acid can improve its solubility in water. Almost insoluble in boiling water. Insoluble in ethanol.	Conform
Identification	Responds to test A B C as peEP-70	0.001%
Appearance of solution	solution is not more opalescent than reference suspension III	0.0005%
Sulphate	<0.01%	Negative
Chloride and chlorate	<0.02%	0.01%
Acidity or Alkalinity	≤1.7ml/g	0.5ml/g
Glycerin and alcohol-solub	≤10mg/g	2mg
Other Glycerol Phosphates	≥7.5ml/g	8.0ml/g
Phosphate	≤0.04%	<0.04%
Loss on Drying	≤15.0%	7.3%
Residue on Ignition	43~49%	46%
Heavy Metals	≤20PPM	<20PPM
Arsenic	≤5PPM	<5PPM
Assay	≥99.0%	99.8%
Mixed Bacterium Counts	≤100CFU/g	40CFU/g
Mildew and Microzyme Counts	≤100CFU/g	<10CFU/g
Escherichia Coli	Negative	Negative

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

