

Certificate of Analysis

Product Name	Alpha GPC 99%	Mfg. Date	2019.09.10
Batch No.	KNG20190910	Testing Date	2019.09.10
Quantity	23KG	Exp. Date	2021.09.09

Items	Specification	Results
Appearance	White powder, highly hygroscopic	Complies
Assay(dried basis)	98.~102.0%(Potentiometric titration)	101.0%
Assay(dried basis)	98.5~100.0%(HPLC)	99.1%
Odor	Neutral odor	Complies
Water Content	≤2.0%	0.59%
Specific Optical	-2.4~-2.8°	-2.5°
Heavy Metals(as Pb)	<10ppm	Complies
Residual Solvent	≤0.1%	0.0004%
pH	4.5~7.0	5.6
Phosphate Ion(P)	≤5ppm	Complies
Chloride(Cl)	≤0.02%	Complies
Sulfate(SO4)	≤0.02%	Complies
Conclusion	Conform with standards.	

Storage Store in cool & dry place, keep away from strong light and heat.

Shelf Life 2 years when properly stored.

Approved By: QA Manager Liu Guiqi