

Certificate of Analysis

Product name:	Alpha-GPC	Batch No:	20230315
Mfg. Date:	2023.03.15	Exp. Date:	2025.03.14

Item	Specification	Result
Appearance	White powder, neutral odor, highly hygroscopic	Conforms
Identification	TLC: Standard solution and test solution same spot, RF	Conforms
Specific Optical	-2.4° ~ -2.8°	-2.55°
Heavy metals (as Pb)	≤10ppm	Conforms
Sulfate (SO ₄)	≤0.02%	Conforms
Chloride (Cl)	≤0.02%	Conforms
Phosphate Ion (P)	≤5ppm	Conforms
pH	4.5 ~ 7.0	6.3
Related substance	Spot not bigger than standard solution spot	No spot
Residual solvent	<2.0%	Conforms
Water Content	<2%	0.46%
Assay (dried basis)	98.0%-102%	98.91%
Total plate count	≤1000cfu/g	Conforms
Yeast and mold	≤100cfu/g	Conforms
Coliforms	Negative	Negative
Salmonella	Negative	Negative
BSE/TSE	Free, the product doesn't contain animal materials	
Packing	25kg/drum, Packing in paper-drums and two plastic-bags inside.	
Storage	Store in a well-closed container away from moisture.	
Shelf Life	2 years if sealed and store away from direct sun light.	

All information included in this document is provided as received from the manufacturer/supplier.