




CERTIFICATE OF ANALYSIS (COA)

Product name	Alpha-GPC	Batch No.	AAS-20220626
CAS No.	28319-77-9	Specification	In-house
Quantity	120kg	Mfg. Date	2022.06.26
Date of Analysis	2022.06.28	Expiry Date	2025.06.26

Test Items	Specification	Test Results
Appearance	White Crystalline Powder	White Crystalline Powder
Specific Optical	-2.4°~ -2.8°	-2.72°
Identification	NMR; HPLC	Conforms
Sulfate (SO4)	≤0.02%	Conforms
Chloride (Cl)	≤0.02%	Conforms
Phosphate Ion (P)	≤5ppm	Conforms
pH	5.0~7.0	5.37
Residual solvent	≤2.0%	Conforms
Water Content	≤2%	0.31%
Heavy Metals	≤20PPM	Conforms
Assay by HPLC	98.0%--102.0%	99.25%
Related substances	≤0.3%	0.07%
Conclusion	The test product complies with the requirements of specification.	

Analyst: 	Checker: 	Q. C. Director: 
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