



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification for Alpha GPC 99% Powder

Product Name:	Alpha GPC 99% Powder		
CAS No.	28319-77-9	Molecular Formula	C ₈ H ₂₀ NO ₆ P
Country of Origin	China	Formula Weight	257.22

Assay	Specification	Test Method
Appearance	White powder, neutral odor, highly hygroscopic	Visual
Moisture	≤1%	Karl. Fisher method
Identification	TLC: Standard solution and test solution same spot, RF	TLC
Assay (dried basis)	98.0%~102.0%	Potentiometric titration
pH	5.0~7.0	ChP 0631
Heavy Metals	<10 ppm	Colorimetry
Arsenic	≤1 ppm	Colorimetry
Lead	≤1 ppm	Colorimetry
Cadmium	≤0.3 ppm	Colorimetry
Mercury	≤0.1 ppm	Colorimetry
Sulfate (SO ₄)	≤0.02%	Colorimetry
Chloride (Cl)	≤0.2 ppm	Colorimetry
Phosphate	≤5 ppm	Colorimetry
Total Aerobic Microbial Count	≤1000 cfu/g	ChP 1105
Mold and Yeast	≤100 cfu/g	ChP 1105
<i>E. Coli.</i>	Negative/10g	ChP 1106
<i>Salmonella</i>	Negative/10g	ChP 1106

Packing and Storage	
Packing	Pack in paper-drums and two plastic bags inside. Net weight: 25kg/drum
Storage	Keep away from sunlight and seal.
Shelf Life	24 months if store under the conditions above and stay in original packaging.

Note: Qualified with Kosher and Halal; Non-GMO; Without allergens