

## COA of Alpha GPC

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White powder, neutral odor, highly hygroscopic	Conforms
Identification	Conforms to the standard	Conforms
Stability	Dry and light protected storage; Stable under normal usage.	Conforms
Color of solution	Not more than Y7	Y6
Water content	$\leq 2.0\%$	0.3%
Specific rotation	$-2.4^{\circ} \sim -2.8^{\circ}$	$-2.5^{\circ}$
pH	5.0~7.0	5.6
Related Substance By TLC	Single spot	Single spot
Assay	$\geq 99.0\%$	100.6%
Residual Solvent (Ethanol)	$\leq 1.0\%$	0.20%
Particle Size	80% through 20 mesh	Conforms
Conclusion	The products complies with the standards.	