



Certificate of Analysis

Product name	Phosphatidylserine	Source:	soy lecithin
Package:	25kg/drum	Quantity:	200kgs
MFG Date:	2025/06/06	EXP Date:	2027/06/05
Batch No.:	P2025060602	Test Method:	In House

Item	Specification	Results	Test methods
Color and Appearance	Fine yellow powder	Conforms	Visual
Odor	Characteristic	Conforms	Conforms
Taste	Characteristic	Conforms	Visual
Identification	Same with standard	Conforms	HPLC
Phosphatidylcholine (PC)	≤ 12%	1.08%	HPLC
Phosphatidylethanolamine (PE)	≤ 10%	6.01%	HPLC
Phosphatidylinositol (PI)	≤ 10%	3.23%	HPLC
Phosphatidylserine(PS)	≥50%	52.09%	HPLC
Alcohol	NMT 5000PPM	conforms	The Third checked
Acetone Insolubles	NLT 95%	96%	CP2015
Residual solvent(Hexane)	NMT 25ppm	Negative	GC
Peroxide value	≤5meq/KG	Conforms	GB
Loss on Drying	≤2.0%	0.91%	Karl-fisher
Heavy metals	≤20PPM	< 10PPM	ICP-MS
Arsenic	≤1PPM	Conforms	ICP-MS
LeadPhosphatidylserine(PS)	≤3PPM	Conforms	ICP-MS
Cadmium	≤1PPM	Conforms	ICP-MS
Mercury	≤0.1PPM	Conforms	ICP-MS
Total plate count	≤1000cfu/G	Conforms	AOAC
Total yeast & mold	≤100cfu/G	Conforms	AOAC
E.coli.	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Coliforms	≤10cfu/G	Negative	AOAC
Staphylococcus	Negative	Negative	AOAC
Conclusion:	The goods conform the standards.		
The product is non-irradiation & GMO-free product .			
Storage condition: cool & dry place, keep away from direct strong light and heat.			