

Certificate of Analysis

Product Information			
Product Name	Phosphatidylserine Powder	Report Number	PSL20210934
Source	Sunflower Seed	Manufacture Date	2021/09/09
Batch Number	PSL210909	Analysis Date	2021/09/14
Batch Quantity	300Kg	Expiry Date	2023/09/08
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	$\geq 50.0\%$	50.39%	HPLC
Physical & Chemical Data			
Appearance	Light Yellow Fine Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	$\leq 5.0\%$	1.68%	105°C/2 hrs
Total Ash	$\leq 5.0\%$	0.33%	GB 5009.4
Bulk Density	$\leq 0.3\text{g/ml}$	0.18g/ml	GB/T 18798.5
Contaminants			
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Solvents Residue	<5000 mg/kg	Conforms	GC
Microbiological			
Total Aerobic Count	$\leq 1000\text{cfu/g}$	110cfu/g	GB 4789.2
Yeast & Moulds	$\leq 100\text{cfu/g}$	30cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娜

Checker: 李明

Approved:

