



Specification Sheet

Product Name	Phosphatidyl Serine	Product Code	PSP02
Latin Name	<i>Glycine Max</i>	Part of Use	Soybean
Manufacturing Origin	China	Material Origin	China

ITEMS	SPECIFICATIONS	METHOD
Organoleptic Tests		
Appearance	Light yellow or brown powder	GB/T 5492-2008
Odor & Taste	Characteristic	GB/T 5492-2008
Physical Characteristics		
Loss of drying	≤2.0%	CP2010
Peroxide value	≤10 meq/kg	CP2010
Particle Size (#80)	NLT 95% thru #80	#80 Standard Screen
Residual Solvents		
Residual Solvents	Meet USP35 <467>	USP35 <467>
Pesticide Residue		
Pesticide Residue	Meet USP35 <561>	USP35 <561>
Assay		
L-α-Phosphatidyl-L-serine	≥20%	HPLC
L-α-phosphatidic acid		
L-α-Phosphatidylcholine		
L-α-Phosphatidylethanolamine		
L-α-Phosphatidylinositol		
Impurity		
Heavy Metal (as Pb)	≤10 ppm	USP35 <231>, Method II
Total Arsenic (as As)	≤2.0 ppm	ICP-MS
Lead (Pb)	≤2.0 ppm	ICP-MS
Cadmium (Cd)	≤1.0 ppm	ICP-MS
Mercury (Hg)	≤1.0 ppm	ICP-MS

Microbiological Characteristics		
Total Plate Count	<10000 cfu/g	GB 4789.2-2010
Yeast and Mold	<1000 cfu/g	GB 4789.15-2010
Coliforms	Negative	GB 4789.3-2010
<i>Escherichia coli</i>	Negative	GB 4789.6-2010
<i>Salmonella enterica</i>	Negative	GB 4789.4-2010
<i>Staphylococcus Aureus</i>	Negative	GB 4789.10-2010
Package	Net 25Kg per fiber drum with 2-layer food grade plastic bags inside	
Shelf Life	2 years under good storage condition	
Storage	Store in cool and dry place. Do not freeze. Keep away from strong light and heat.	



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