



## Specification Sheet

<b>Product Name</b>	Phosphatidyl Serine	<b>Product Code</b>	PSP05
<b>Latin Name</b>	<i>Glycine Max</i>	<b>Part of Use</b>	Soybean
<b>Manufacturing Origin</b>	China	<b>Material Origin</b>	China

ITEMS	SPECIFICATIONS	METHOD
<b>Organoleptic Tests</b>		
Appearance	Light yellow or brown powder	GB/T 5492-2008
Odor & Taste	Characteristic	GB/T 5492-2008
<b>Physical Characteristics</b>		
Loss of drying	≤2.0%	CP2010
Peroxide value	≤10 meq/kg	CP2010
Particle Size (#80)	NLT 95% thru #80	#80 Standard Screen
<b>Residual Solvents</b>		
Residual Solvents	Meet USP35 <467>	USP35 <467>
<b>Pesticide Residue</b>		
Pesticide Residue	Meet USP35 <561>	USP35 <561>
<b>Assay</b>		
L-α-Phosphatidyl-L-serine	≥50%	HPLC
L-α-phosphatidic acid	<15.0%	
L-α-Phosphatidylcholine	<10.0%	
L-α-Phosphatidylethanolamine	<10.0%	
L-α-Phosphatidylinositol	<5.0%	
<b>Impurity</b>		
Heavy Metal (as Pb)	≤10 ppm	USP35 <231>, Method II
Total Arsenic (as As)	≤1.0 ppm	ICP-MS
Lead (Pb)	≤1.0 ppm	ICP-MS
Cadmium (Cd)	≤0.5 ppm	ICP-MS
Mercury (Hg)	≤0.5 ppm	ICP-MS

<b>Microbiological Characteristics</b>		
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
<b>Package</b>	Net 25Kg per fiber drum with 2-layer food grade plastic bags inside	
<b>Shelf Life</b>	2 years under good storage condition	
<b>Storage</b>	Store in cool and dry place. Do not freeze. Keep away from strong light and heat.	

