

Certificate of Analysis

Product Name	PS(Phosphatidylserine)	Manufacture Date	May.17th, 2021
Batch No.	PS20210517	Certificate Date	May.20th, 2021
Batch Quantity	2280kgs	Expiration Date	May.16th, 2023

Item	Specification	Result	Method
Basic Product Information			
Genus and Species	Glycine max (Linn.) Merr.	Conforms	/
Part of the Plant	Seed	Conforms	/
Country of Origin	China	Conforms	/
Marker Compounds			
L- α -Phosphatidyl-L-serine	$\geq 20.0\%$	21.4%	HPLC-ELSD
L- α -Phosphatidylcholine	$\leq 5.0\%$	4.08%	HPLC-ELSD
Organoleptic Data			
Appearance	Fine Powder	Conforms	Visual
Color	Light Yellow	Conforms	GB/T 5492-2008
Odor	Characteristic	Conforms	GB/T 5492-2008
Taste	Characteristic	Conforms	GB/T 5492-2008
Physical Characteristics			
Peroxide value	≤ 5.0 meq/kg	Conforms	CP2010
Particle Size	$\geq 98.0\%$ pass 40 mesh	Conforms	GB/T 5507-2008
Loss on drying	$\leq 2.0\%$	0.86%	GB 5009.3
Heavy Metals			
Total Heavy Metals	≤ 10.0 ppm	Conforms	USP <231>, method II
As	≤ 1.0 ppm	Conforms	GB 5009.11
Pb	≤ 1.0 ppm	Conforms	GB 5009.12
Cd	≤ 1.0 ppm	Conforms	GB 5009.15
Hg	≤ 1.0 ppm	Conforms	GB 5009.17
Microbiology			
Total Plate Count	$\leq 1,000$ cfu/g	Conforms	GB 4789.2
Mold	≤ 50 cfu/g	Conforms	GB 4789.15
E. Coli	Negative	Negative	GB 4789.3
Salmonella	Negative	Negative	GB 4789.4
Non-GMO			
Non-GMO	Conforms	Conforms	SN/T 1195-2003
Packing and Storage	Packed in paper-drums and two plastic-bags inside.		
Shelf Life	2 Year When Stored properly(10°C-25°C, Store in cool & dry place, Keep away from strong light and heat)		

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