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Shaanxi Guanjie Technology Co., Ltd(factory)

Certificate of Analysis

Product Name	PS(Phosphatidylserine)	Manufacture Date	July. 03, 2022
Batch No.	PS220703	Certificate Date	July. 07, 2022
Batch Quantity	1000kgs	Expiration Date	July. 02, 2024
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
Basic Product Information			
Genus and Species	<i>Glycine max (Linn.) Merr.</i>	Conform	/
Part of the Plant	Seed	Conform	/
Country of Origin	China	Conform	/
Marker Compounds			
L- α -Phosphatidyl-L-serine	>20.0%	22.23%	HPLC-ELSD
L- α -Phosphatidylcholine	<10.0%	2.14%	HPLC-ELSD
Organoleptic Data			
Appearance	Liquid	Conform	Visual
Color	Tan to brown liquid	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
Physical Characteristics			
Water content	<2.0%	0.61%	GB 5009.3
Peroxide value	10.0 meq/kg	Conform	GB 5009.227
Solvent Residue (ethanol)	<2000 ppm	Conform	Q/GJSW 0002S-2016
Heavy Metals			
Total Heavy Metals	< 10.0 ppm	Conform	GB 5009.74
As	<2.0 ppm	0.26ppm	GB 5009.11
Pb	<2.0 ppm	0.20ppm	GB 5009.12
Cd	<0.5 ppm	0.00ppm	GB 5009.15
Hg	<0.5 ppm	0.00ppm	GB 5009.17
Microbiology			
Total Plate Count	<3000cfu/g	Conforms	GB 4789.2
Mold	<300cfu/g	Conforms	GB 4789.15
E. Coli	Negative	Negative	GB 4789.3
Salmonella	Negative	Negative	GB 4789.4

Conclusion: Complies with specification

Tested by: Liu gang Date: 2022.07.07
Approved by: Susan Sun, Ph.D Date: 2022.07.07

