



XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

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CERTIFICATE OF ANALYSIS

Product Name: PS(Phosphatidylserine)
Description: Light Yellow to Brown Yellow Fine Powder
Identification: Passes all criteria tests
Batch No.: 231106
Batch quantity: 800kgs
Analysis Date: Nov 09, 2023

Item	Specification	Results
L- α -Phosphatidyl-L-serine(HPLC-	$\geq 20\%$	21.08%
L- α -Phosphatidylcholine (HPLC-ELSD)	$< 20.0\%$	9.33%
Odor & Taste	Characteristic	Complies
Particle size	NLT 95% pass 80 mesh	Complies
Peroxide value	< 5.0 meq/kg	2.32meq/kg
Loss on Drying	$\leq 5.0\%$	3.63%
Total ash	$\leq 5.0\%$	3.38%
Heavy Metals	≤ 10 ppm	Complies
Arsenic (As)	≤ 2 ppm	Complies
Lead (Pb)	≤ 2 ppm	Complies
Cadmium (Cd)	≤ 1 ppm	Complies
Mercury (Hg)	≤ 0.1 ppm	Complies
Microbial Test		
Total microbacterial count	≤ 1000 cfu/g	Complies
Total Yeast & Mold	≤ 100 cfu/ g	Complies
Salmonella	Negative	Complies
Escherichia coli	Negative	Complies

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

