

CERTIFICATE OF ANALYSIS

Product Name	PS(Phosphatidylserine)	Batch No	PY-PH20160318
Quantity	1080KG	Analysis Date	Mar.21,2016
Mfg. Date	Mar.18,2016	Exp. Date	Mar.17,2018
Package	25kg/Drum	Standard	Enterprise Standard

No.	Item	Specification	Result
1.	Appearance	Light yellow or brown fine powder	Complies
2.	Odor	Characteristic	Complies
3.	Particle Size	>98.0% pass 60 mesh	Complies
4.	Assay	L- α -Phosphatidyl-L-serine>20.0%	20.71%
		L- α -Phosphatidylcholine<15.0%	13.12%
		L- α -Phosphatidylethanolamine<15.0%	11.02%
		L- α -phosphatidic acid<10.0%	9.45%
		L- α -Phosphatidylinositol<10.0%	4.08%
5.	Solubility	Soluble in chloroform, n-hexane, diethyl ether, Petroleum ether; Insoluble in water, ethanol, methanol.	Complies
6.	Peroxide Value	<10meq/kg	Complies
7.	Loss on Drying	<5.0%	0.98%
8.	Ash Content	<4.0%	1.51%
9.	Solvent Residue	Eur Pharm	Conform
10.	Total Heavy Metals	<10ppm	<10ppm
11.	As	<2ppm	<2ppm
12.	Pb	<2ppm	<2ppm
13.	Cd	<0.5ppm	<0.5ppm
14.	Hg	<0.5ppm	<0.5ppm
15.	Conclusion	Conform with Enterprise Standard.	

Analyst: xuli

QC: lixiaochen