

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-24-JL-031794-01

Client Code: JL0000651
PO#: PO-0273_Phosphatidylserine

Received On: 28May2024
Reported On: 03Jun2024

Eurofins Sample Code: 990-2024-05280231		Sample Registration Date: 28May2024			
Client Sample Code: PH0686-044-2A / -045-2A		Condition Upon Receipt: acceptable, 21.3°C			
Sample Description: Phosphatidylserine		Sample Reference:			
FS014 - Heavy Metals USP 233		Reference USP 233 Mod.	Accreditation	Completed 03Jun2024	Sub 1
Parameter	Result	Result	Theoretical		
Arsenic	16.6 ppb	0.010 µg/Serving			
Cadmium	6.76 ppb	0.004 µg/Serving			
Lead	40.9 ppb	0.024 µg/Serving			
Mercury	<5.00 ppb	<0.003 µg/Serving			
FS05M - Organoleptic Evaluation		Reference Internal Method based on USP 25th ed. pg 2363	Accreditation	Completed 03Jun2024	Sub 1
Parameter	Result	Result	Theoretical		
Appearance	Clear capsule with off-white powder fill	Clear capsule with off-white powder fill			
Characteristic Odor	No discernible odor	No discernible odor			
Package Appearance	Black plastic commercial container	Black plastic commercial container			
FS0A5 - Lecithin Phospholipids		Reference AOCS Ja 7c-07 (2007) Mod.	Accreditation	Completed 03Jun2024	Sub 1
Parameter	Result	Result	Theoretical		
Lyso Phosphatidylcholine (LPC)	<5,000 ppm	<2.45 mg/Serving			
Phosphatidic acid (PA)	31,900 ppm	15.6 mg/Serving			
Phosphatidylcholine (PC)	62,700 ppm	30.7 mg/Serving			
Phosphatidylethanolamine (PE)	73,500 ppm	36.0 mg/Serving			
Phosphatidylinositol (PI)	152,000 ppm	74.4 mg/Serving			
Phosphatidylserine (PS)	193,000 ppm	94.5 mg/Serving			
FSPRP - Serving Size - Content (Fill) Weight		Reference Internal method	Accreditation	Completed 03Jun2024	Sub 1
Parameter	Result	Result	Theoretical		

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Sample Description: Phosphatidylserine		Sample Reference:			
FSPRP - Serving Size - Content (Fill) Weight		Reference Internal method	Accreditation	Completed 03Jun2024	Sub 1
Parameter		Result	Result	Theoretical	
Entity Weight		0.5872 g			
Entity Fill Weight		0.4898 g			
Units per serving		1 Capsule		1 Capsule	
ZMCKU - E. coli - USP <2022>		Reference USP <2022>	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 31May2024	
Parameter		Result	Result	Theoretical	
E. coli		Not Detected per 10 g	Not Detected per 10 g		
ZMDFJ - Total Combined Yeasts/Moulds Count - USP Chapter <2021>		Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 02Jun2024	
Parameter		Result	Result	Theoretical	
Total Combined Yeasts/Moulds Count		< 100 cfu/g	< 100 cfu/g		
ZMDFK - Total Aerobic Microbial Count - USP Chapter <2021>		Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 30May2024	
Parameter		Result	Result	Theoretical	
Total Aerobic Microbial Count		< 100 cfu/g	< 100 cfu/g		
ZMDGE - Staphylococcus aureus - USP Chapter <2022>		Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 30May2024	
Parameter		Result	Result	Theoretical	
Staphylococcus aureus		Not Detected per g	Not Detected per g		
ZMDHV - Pseudomonas aeruginosa - USP Chapter <62>		Reference U.S. Pharmacopeia Chapter 62	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 30May2024	
Parameter		Result	Result	Theoretical	
Pseudomonas aeruginosa		Not Detected per g	Not Detected per g		
ZME88 - Bile-Tolerant Gram Negative Bacteria (Semiquanti) - USP Chapter <2021>		Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 31May2024	
Parameter		Result	Result	Theoretical	
Bile-Tolerant Gram Negative Bacteria (Semiquanti)		<10 MPN per g	<10 MPN per g		

Eurofins Sample Code:	990-2024-05280231	Sample Registration Date:	28May2024
Client Sample Code:	PH0686-044-2A / -045-2A	Condition Upon Receipt:	acceptable, 21.3°C
Sample Description:	Phosphatidylserine	Sample Reference:	

ZMEV2 - Salmonella - USP Chapter <2022>	Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 31May2024
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Parameter	Result	Result	Theoretical
Salmonella spp.	Not Detected per 10 g	Not Detected per 10 g	

Subcontracting partners:
1 - Eurofins Food Chemistry Testing US Madison, Wisconsin

Respectfully Submitted,



Shannon Kelly
Snr Client Services Associate



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