

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-24-JL-046047-03
Report Supersedes AR-24-JL-046047-02

Client Code: JL0000651
PO#: PO-0281_Phosphatidylserine

Received On: 19Jul2024
Reported On: 22Aug2024

Eurofins Sample Code:	990-2024-07190153	Sample Registration Date:	19Jul2024
Client Sample Code:	Lot# 031524225	Condition Upon Receipt:	acceptable, 21.2°C
Sample Description:	Phosphatidylserine	Sample Reference:	
Serving Size	1 Capsule		

FS014 - Heavy Metals USP 233	Reference USP 233 Mod.	Accreditation	Completed 13Aug2024	Sub 1
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Parameter	Result	Result	Theoretical
Arsenic	<10.0 ppb	<0.007 µg/Serving	
Cadmium	<5.00 ppb	<0.004 µg/Serving	
Lead	16.5 ppb	0.012 µg/Serving	
Mercury	<5.00 ppb	<0.004 µg/Serving	

FS05M - Organoleptic Evaluation	Reference Internal Method based on USP 25th ed. pg 2363	Accreditation	Completed 05Aug2024	Sub 1
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Parameter	Result	Result	Theoretical
Appearance	Clear capsule with off-white powder fill	Clear capsule with off-white powder fill	
Characteristic Odor	No odor detected	No odor detected	
Package Appearance	Black plastic commercial container	Black plastic commercial container	

FS0A5 - Lecithin Phospholipids	Reference AOCS Ja 7c-07 (2007) Mod.	Accreditation	Completed 22Aug2024	Sub 1
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Parameter	Result	Result	Theoretical
Lyso Phosphatidylcholine (LPC)	<5,000 ppm	<3.74 mg/Serving	
Phosphatidic acid (PA)	28,700 ppm	17.8 mg/Serving	
Phosphatidylcholine (PC)	15,500 ppm	9.64 mg/Serving	
Phosphatidylethanolamine (PE)	<8,000 ppm	<5.99 mg/Serving	
Phosphatidylinositol (PI)	9,450 ppm	5.88 mg/Serving	
Phosphatidylserine (PS)	176,000 ppm	109 mg/Serving	

FSPRP - Serving Size - Content (Fill) Weight	Reference Internal method	Accreditation	Completed 22Aug2024	Sub 1
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FSRP - Serving Size - Content (Fill) Weight		Reference Internal method	Accreditation	Completed 22Aug2024	Sub 1
Parameter		Result	Result	Theoretical	
Entity Weight		0.7482 g			
Entity Fill Weight		0.6218 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 22Jul2024	
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 24Jul2024	
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 21Jul2024	
Parameter		Result	Result	Theoretical	
Total Aerobic Microbial Count		100 (est) cfu/g	100 (est) cfu/g		
ZMDGE - Staphylococcus aureus - USP Chapter <2022>		Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 21Jul2024	
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 21Jul2024	
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 22Jul2024	
Parameter		Result	Result	Theoretical	

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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 22Jul2024

Parameter	Result	Result	Theoretical
Bile-Tolerant Gram Negative Bacteria (Semiquanti)	<10 MPN per g	<10 MPN per g	

ZMEV2 - Salmonella - USP Chapter <2022>	Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 22Jul2024
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Parameter	Result	Result	Theoretical
Salmonella spp.	Not Detected per 10 g	Not Detected per 10 g	

Report Comment:
Rev. 02: Updated phospholipids to report using 1 capsule (fill only) (as tested by lab).
Rev. 01: Updated serving size to 1 capsule & revised results to report per 1 capsule serving size.
Subcontracting partners:
1 - Eurofins Food Chemistry Testing US Madison, Wisconsin

Respectfully Submitted,


Shannon Kelly
Snr Client Services Associate



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