

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-24-JL-051073-01

Client Code: JL0000651
PO#: PO-0308_Glucosamine

Received On: 16Aug2024
Reported On: 27Aug2024

Eurofins Sample Code: 990-2024-08160250		Sample Registration Date: 16Aug2024		
Client Sample Code: Lot# EX072329AA		Condition Upon Receipt: acceptable, 20.6°C		
Sample Description: Glucosamine		Sample Reference:		
FS014 - Heavy Metals USP 233	Reference USP 233 Mod.	Accreditation	Completed 26Aug2024	Sub 1
Parameter	Result	Result	Theoretical	
Arsenic	<10.0 ppb	<0.032 µg/Serving		
Cadmium	6.05 ppb	0.019 µg/Serving		
Lead	163 ppb	0.519 µg/Serving		
Mercury	<5.00 ppb	<0.016 µg/Serving		
FS034 - Methylsulfonylmethane	Reference Current USP pg. 7104 (mod.)	Accreditation	Completed 26Aug2024	Sub 1
Parameter	Result	Result	Theoretical	
Methylsulfonylmethane (MSM)	10,400 ppm	29.2 mg/Serving		
FS09H - Methionine	Reference Agilent Publication, 2000. (Modified)	Accreditation	Completed 26Aug2024	Sub 1
Parameter	Result	Result	Theoretical	
Methionine	12.4 mg/g	34.9 mg/Serving		
FS0CT - Glucosamine Sulfate	Reference AOAC 2005.01 mod.	Accreditation	Completed 26Aug2024	Sub 1
Parameter	Result	Result	Theoretical	
Glucosamine Sulfate	573,000 ppm	1,610 mg/Serving		
FSPRP - Serving Size - Content (Fill) Weight	Reference Internal method	Accreditation	Completed 26Aug2024	Sub 1
Parameter	Result	Result	Theoretical	
Entity Weight	1.0618 g			
Entity Fill Weight	0.9374 g			
Units per serving	3 Capsule			

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Sample Description:	Glucosamine	Sample Reference:		
M902A - Content of Chondroitin Sulfate Sodium by CPC Titration	Reference Current USP/NF	Accreditation	Completed 27Aug2024	Sub 2
Parameter Chondroitin Sulfate Sodium Salt	Result 54.1 mg/g	Result 152 mg/Serving	Theoretical	
M9059 - Quercetin	Reference Internal method	Accreditation	Completed 27Aug2024	Sub 2
Parameter Quercetin	Result 9.23 mg/g	Result 26.0 mg/Serving	Theoretical	
ZMCKU - E. coli - USP <2022>	Reference USP <2022>	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 20Aug2024	
Parameter E. coli	Result Not Detected per 10 g	Result Not Detected per 10 g	Theoretical	
ZMDFJ - Total Combined Yeasts/Moulds Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 21Aug2024	
Parameter Total Combined Yeasts/Moulds Count	Result < 100 cfu/g	Result < 100 cfu/g	Theoretical	
ZMDFK - Total Aerobic Microbial Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 18Aug2024	
Parameter Total Aerobic Microbial Count	Result < 100 cfu/g	Result < 100 cfu/g	Theoretical	
ZMDGE - Staphylococcus aureus - USP Chapter <2022>	Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 18Aug2024	
Parameter Staphylococcus aureus	Result Not Detected per g	Result Not Detected per g	Theoretical	
ZMDHV - Pseudomonas aeruginosa - USP Chapter <62>	Reference U.S. Pharmacopeia Chapter 62	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 18Aug2024	
Parameter Pseudomonas aeruginosa	Result Not Detected per g	Result Not Detected per g	Theoretical	
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 19Aug2024	

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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 19Aug2024
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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
2 - Eurofins Botanical Testing US Brea, California

Respectfully Submitted,


Shannon Kelly
Snr Client Services Associate



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