

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-23-JL-064093-01

Client Code: JL0000651
PO#: PO-0246 & PO-0256_5MG 5MTHF

Received On: 08Dec2023
Reported On: 19Dec2023

Eurofins Sample Code: 990-2023-12080273		Sample Registration Date: 08Dec2023		
Client Sample Code: MT9790-293-2A, MT8918-284-3A		Condition Upon Receipt: acceptable, 20.5°C		
Sample Description: 5 MG 5 MTHF L-Methylfolate		Sample Reference:		
FS014 - Heavy Metals USP 233		Reference USP 233 Mod.	Accreditation	Completed 19Dec2023
Parameter		Result	Result	Theoretical
Arsenic		<10.0 ppb		
Cadmium		<5.00 ppb		
Lead		10.0 ppb		
Mercury		<5.00 ppb		
FS024 - 5-Methyltetrahydrofolic acid		Reference Client Method	Accreditation	Completed 19Dec2023
Client Method				Sub 1
Parameter		Result	Result	Theoretical
Method Reference		Gnosis Methyl folate		
5-methyltetrahydrofolic acid		18.1 mg/g		
FS05M - Organoleptic Evaluation		Reference Internal Method based on USP 25th ed. pg 2363	Accreditation	Completed 19Dec2023
Parameter		Result	Result	Theoretical
Appearance		Clear capsule with white powder fill		
Characteristic Odor		No odor detected		
Package Appearance		Two black commercial jars		
JLPT1 - Total Microbial Count Suitability		Reference USP <2021>		Completed 11Dec2023
USP Chapter 2021				
Parameter		Result	Result	Theoretical
Total Aerobic Microbial Count		PASS		
JLPT4 - Bile Tolerant Gram Negative		Reference USP <2021>		Completed 11Dec2023
Suitability USP Ch 2021				

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JLPT4 - Bile Tolerant Gram Negative Suitability USP Ch 2021		Reference USP <2021>	Completed 11Dec2023
Parameter	Result	Result	Theoretical
Bile Tolerant Gram Negative Bacteria	PASS		
JLPT8 - Total Combined Mould-Yeast Suitability USP Ch 2021		Reference USP <2021>	Completed 14Dec2023
Parameter	Result	Result	Theoretical
Total Combined Yeast-Molds Count	PASS		
UM70J - Total Combined Yeasts/Moulds Count - USP Chapter <2021>		Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05
Parameter	Result	Result	Theoretical
Total Combined Yeasts/Moulds Count	< 10 cfu/g	< 10 cfu/g	
ZMCKU - E. coli - USP <2022>		Reference USP <2022>	Accreditation ISO/IEC 17025:2017 A2LA 2918.05
Parameter	Result	Result	Theoretical
E. coli	Not Detected per 10 g	Not Detected per 10 g	
ZMCLR - Escherichia coli Suitability - USP Chapter <2022>		Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05
Parameter	Result	Result	Theoretical
Escherichia coli Suitability	PASS per sample	PASS per sample	
ZMCLY - Salmonella spp. Suitability - USP Chapter <2022>		Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05
Parameter	Result	Result	Theoretical
Salmonella spp. Suitability	PASS per sample	PASS per sample	
ZMCM4 - Staphylococcus aureus Suitability - USP Chapter <2022>		Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05
Parameter	Result	Result	Theoretical
Staphylococcus aureus Suitability	PASS per sample	PASS per sample	
ZMDFK - Total Aerobic Microbial Count - USP Chapter <2021>		Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05
Parameter	Result	Result	Theoretical
Total Aerobic Microbial Count	PASS per sample	PASS per sample	

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Sample Description:	5 MG 5 MTHF L-Methylfolate	Sample Reference:	

ZMDFK - Total Aerobic Microbial Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 11Dec2023
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Parameter	Result	Result	Theoretical
Total Aerobic Microbial Count	150 (est) cfu/g	150 (est) cfu/g	

ZMDGE - Staphylococcus aureus - USP Chapter <2022>	Reference U.S. Pharmacopeia Chapter 2022	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 10Dec2023
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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 10Dec2023
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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 11Dec2023
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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 11Dec2023
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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

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Respectfully Submitted,



Shannon Kelly
Snr Client Services Associate

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