

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-23-JL-065769-02
Report Supersedes AR-23-JL-065769-01

Client Code: JL0000651
PO#: 500mg Meriva_PO-0262

Received On: 08Dec2023
Reported On: 25Jan2024

Eurofins Sample Code:	990-2023-12080272	Sample Registration Date:	08Dec2023
Client Sample Code:	LOT# ME9732-325-2A	Condition Upon Receipt:	acceptable, 20.5°C
Sample Description:	Meriva Curcumin Phytosome 500mg	Sample Reference:	

FS014 - Heavy Metals USP 233	Reference USP 233 Mod.	Accreditation	Completed 15Dec2023	Sub 2
-------------------------------------	----------------------------------	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Arsenic	<10.0 ppb		
Cadmium	11.0 ppb		
Lead	31.6 ppb		
Mercury	<5.00 ppb		

FS05M - Organoleptic Evaluation	Reference Internal Method based on USP 25th ed. pg 2363	Accreditation	Completed 15Dec2023	Sub 2
--	--	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Appearance	Clear capsule with orange clumping powder fill		
Characteristic Odor	Faint uncharacterized odor		
Package Appearance	Black plastic commercial container		

M9027 - Total Curcuminoids	Reference Internal method	Accreditation	Completed 27Dec2023	Sub 3
-----------------------------------	-------------------------------------	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Bis-Desmethoxy Curcumin	3,630 µg/g	3,630 µg/g	
Curcumin	150,000 µg/g		
Desmethoxy Curcumin	32,400 µg/g		
Total Curcuminoids	186,000 µg/g		

QA0SW - Dithiocarbamates by LC-MS/MS per USP <561>	Reference Anal Bioanal Chem, 2008,392(5), 969-978.Modified.	Accreditation	Completed 15Dec2023	Sub 1
---	--	----------------------	-------------------------------	-----------------

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-23-JL-065769-02
Report Supersedes AR-23-JL-065769-01

Client Code: JL0000651
PO#: 500mg Meriva_PO-0262

Received On: 08Dec2023
Reported On: 25Jan2024

Eurofins Sample Code: 990-2023-12080272		Sample Registration Date: 08Dec2023		
Client Sample Code: LOT# ME9732-325-2A		Condition Upon Receipt: acceptable, 20.5°C		
Sample Description: Meriva Curcumin Phytosome 500mg		Sample Reference:		
QA0SW - Dithiocarbamates by LC-MS/MS Reference per USP <561>		Anal Bioanal Chem, 2008,392(5), 969-978.Modified.	Accreditation	Completed 15Dec2023
Parameter	Result	Result	Theoretical	
Dithiocarbamates (as CS2)	<2.00 mg/kg			
QA0SY - Bromide, inorganic (GC-MS) <USP 561>		Reference EURL-SRM, Bromine Containing Fumigants	Accreditation	Completed 15Dec2023
Parameter	Result	Result	Theoretical	
Total Inorganic Bromide	<125 mg/kg			
QA0SZ - Pesticides <USP 561> (LC-MS/MS and GC-MS/MS)		Reference USP 561	Accreditation	Completed 15Dec2023
Parameter	Result	Result	Theoretical	
Acephate	<0.1 mg/kg			
Alachlor	<0.05 mg/kg			
Aldrin and dieldrin (sum of)	<0.05 mg/kg			
Azinphos-ethyl	<0.1 mg/kg			
Azinphos-methyl	<1 mg/kg			
Bromophos-ethyl	<0.05 mg/kg			
Bromophos-methyl	<0.05 mg/kg			
Bromopropylate	<3 mg/kg			
Chlordane (sum)	<0.05 mg/kg			
Chlorfenvinphos	<0.5 mg/kg			
Chlorpyrifos	<0.2 mg/kg			
Chlorpyrifos-methyl	<0.1 mg/kg			
Chlorthal-dimethyl	<0.01 mg/kg			
Cyfluthrin I-IV	<0.1 mg/kg			
Cyhalothrin, lambda-	<1 mg/kg			
Cypermethrin I-IV	<1 mg/kg			
DDT (sum)	<1.0 mg/kg			
Deltamethrin	<0.5 mg/kg			
Diazinon	<0.5 mg/kg			
Dichlofluanid	<0.1 mg/kg			
Dichlorvos	<1 mg/kg			
Dicofol, o,p' & p,p'-	<0.5 mg/kg			
Dimethoate and omethoate (sum of)	<0.1 mg/kg			

Eurofins Sample Code:	990-2023-12080272	Sample Registration Date:	08Dec2023
Client Sample Code:	LOT# ME9732-325-2A	Condition Upon Receipt:	acceptable, 20.5°C
Sample Description:	Meriva Curcumin Phytosome 500mg	Sample Reference:	

QA0SZ - Pesticides <USP 561> (LC-MS/MS and GC-MS/MS)	Reference USP 561	Accreditation	Completed 15Dec2023	Sub 1
---	----------------------	---------------	------------------------	----------

Parameter	Result	Result	Theoretical
Endosulfan (sum)	<3.0 mg/kg		
Endrin	<0.05 mg/kg		
Ethion	<2 mg/kg		
Etrimfos	<0.05 mg/kg		
Fenchlorophos (sum)	<0.1 mg/kg		
Fenitrothion	<0.5 mg/kg		
Fenpropathrin	<0.03 mg/kg		
Fensulfothion (sum)	<0.05 mg/kg		
Fenthion (sum)	<0.05 mg/kg		
Fenvalerate I&II	<1.5 mg/kg		
Flucythrinate I&II	<0.05 mg/kg		
Fluvalinate, tau- I&II	<0.05 mg/kg		
Fonofos	<0.05 mg/kg		
Heptachlor (sum)	<0.05 mg/kg		
Hexachlorobenzene (HCB)	<0.1 mg/kg		
Hexachlorocyclohexane isomers (other than gamma)	<0.3 mg/kg		
Lindane (gamma-HCH)	<0.6 mg/kg		
Malathion and malaoxon (sum of)	<1 mg/kg		
Mecarbam	<0.05 mg/kg		
Methacrifos	<0.05 mg/kg		
Methamidophos	<0.05 mg/kg		
Methidathion	<0.2 mg/kg		
Methoxychlor	<0.05 mg/kg		
Mirex	<0.01 mg/kg		
Monocrotophos	<0.1 mg/kg		
Parathion-ethyl and paraoxon-ethyl (sum of)	<0.5 mg/kg		
Parathion-methyl and paraoxon-methyl (sum of)	<0.2 mg/kg		
Pendimethalin	<0.1 mg/kg		
Pentachloranisole	<0.01 mg/kg		
Permethrin (sum of isomers)	<1 mg/kg		
Phosalone	<0.1 mg/kg		
Phosmet	<0.05 mg/kg		

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-23-JL-065769-02
Report Supersedes AR-23-JL-065769-01

Client Code: JL0000651
PO#: 500mg Meriva_PO-0262

Received On: 08Dec2023
Reported On: 25Jan2024

Eurofins Sample Code:	990-2023-12080272	Sample Registration Date:	08Dec2023
Client Sample Code:	LOT# ME9732-325-2A	Condition Upon Receipt:	acceptable, 20.5°C
Sample Description:	Meriva Curcumin Phytosome 500mg	Sample Reference:	

QA0SZ - Pesticides <USP 561> (LC-MS/MS and GC-MS/MS)	Reference USP 561	Accreditation	Completed 15Dec2023	Sub 1
---	-----------------------------	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Piperonyl butoxide	<3 mg/kg		
Pirimiphos-ethyl	<0.05 mg/kg		
Pirimiphos-methyl (sum)	<4 mg/kg		
Procymidone	<0.1 mg/kg		
Profenofos	<0.1 mg/kg		
Prothiofos	<0.05 mg/kg		
Pyrethrum (total isomers)	<3 mg/kg		
Quinalphos	<0.05 mg/kg		
Quintozene (sum)	<1 mg/kg		
S 421	<0.02 mg/kg		
Tecnazene	<0.05 mg/kg		
Tetradifon	<0.3 mg/kg		
Vinclozolin	<0.4 mg/kg		

QA0T0 - Standard Addition Confirmation <USP561>	Reference No Reference	Accreditation	Completed 15Dec2023	Sub 1
--	----------------------------------	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Standard Addition Confirmation	Not Required		

UM70J - Total Combined Yeasts/Moulds Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 13Dec2023
--	--	--	-------------------------------

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	Completed 11Dec2023
---	--------------------------------	--	-------------------------------

Parameter	Result	Result	Theoretical
E. coli	Not Detected per 10 g	Not Detected per 10 g	

ZMDFK - Total Aerobic Microbial Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Accreditation ISO/IEC 17025:2017 A2LA 2918.05	Completed 10Dec2023
---	--	--	-------------------------------

Parameter	Result	Result	Theoretical
Total Aerobic Microbial Count	< 100 cfu/g	< 100 cfu/g	

Rad One LTD

Claudia Armstead
32 Barnmead
Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-23-JL-065769-02
Report Supersedes AR-23-JL-065769-01

Client Code: JL0000651
PO#: 500mg Meriva_PO-0262

Received On: 08Dec2023
Reported On: 25Jan2024

Eurofins Sample Code:	990-2023-12080272	Sample Registration Date:	08Dec2023
Client Sample Code:	LOT# ME9732-325-2A	Condition Upon Receipt:	acceptable, 20.5°C
Sample Description:	Meriva Curcumin Phytosome 500mg	Sample Reference:	

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

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
--	--	--	-------------------------------

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
---	--	--	-------------------------------

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
--	--	--	-------------------------------

Parameter	Result	Result	Theoretical
Salmonella spp.	Not Detected per 10 g	Not Detected per 10 g	

Report Comment:

Rev. 01: Adjusted Client Sample Code from "LOT# ME9732-325-2A, ME9732-324-2A" to "LOT# ME9732-325-2A" per client request.

Subcontracting partners:

- 1 - Eurofins Central Analytical Laboratories, Louisiana
- 2 - Eurofins Food Chemistry Testing US Madison, Wisconsin
- 3 - Eurofins Botanical Testing US Brea, California

Respectfully Submitted,



Michael Kaiser
Associate Technical Leader



Rad One LTD

Claudia Armstead
32 Barnmead

Haywards, UNITED KINGDOM RH16 1UZ

ANALYTICAL REPORT

AR-23-JL-065769-02
Report Supersedes AR-23-JL-065769-01

Client Code: JL0000651
PO#: 500mg Meriva_PO-0262

Received On: 08Dec2023
Reported On: 25Jan2024

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | ✓ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.