

Analytical Report

April 25, 2019

Breanna Robinson
Verdure Sciences
17150 Metro Park Court
Noblesville, IN 46060

Page 1 of 1
WO Number: W19D0980

Client: Verdure Sciences
Client #: G3644
Sample Type: Powder
Collector: Client

Customer PO:
Date Received: 4/23/2019
Date Completed: 04/25/2019
Discard Date: 05/09/2019

CSL#: 19D2473 Longvida - Lot#: LCL3EG1910D10(PS)

| Parameter | Result | PQL | Method | Date | Analyst |
|-----------|-----------|-------|--------|----------|---------|
| Arsenic | <0.01 ppm | 0.01 | ICP MS | 04/24/19 | ARB |
| Cadmium | <0.01 ppm | 0.01 | ICP MS | 04/24/19 | ARB |
| Lead | 0.017 ppm | 0.010 | ICP MS | 04/24/19 | JTG |
| Mercury | <0.01 ppm | 0.01 | ICP MS | 04/24/19 | ARB |

Respectfully Submitted,
Chemical Solutions, Ltd.


QA Representative

Kelli Dempsey
Reviewed and Approved
Apr 30 2019 12:25 PM

cosign

Notes:

CONFIDENTIAL REPORT. This report is confidential and is for the sole use of the addressee.
This report can only be reproduced in full.
The units for the PQL are the same as those shown for the result.

April 25, 2019


Yexun Wang
 Verdure Sciences
 17150 Metro Park Court
 Noblesville, IN 46060

CERTIFICATE OF ANALYSIS

AR-19-KK-005555-01
 Batch #: EUCAPE-00112310

Sample Identification:

Sample #: 740-2019-04230029
 Description: LONGVIDA®, Powder, Lot #LCL3EG1910D10(PS)
 Condition: Acceptable
 Date Received: April 23, 2019

|  KK614: Curcuminoids USP (HPLC) | | Theoretical Level |
|---|---------------|----------------------|
| Method Reference: USP | | |
| Completed: 04/25/2019 | | |
| | Result | |
| Curcumin | 21.6 % (w/w) | |
| Desmethoxycurcumin | 3.98 % (w/w) | |
| Bisdemethoxycurcumin | 0.462 % (w/w) | |
| Total Curcuminoids | 26.0 % (w/w) | NLT 23.00 % (w/w) |

Results pertain only to the items tested.

All results are reported on an as-is basis unless otherwise stated.

Estimation of uncertainty of measurement is available upon request.

Results shall not be reproduced except in full without written permission from Eurofins Scientific, Inc.

 Indicates results of tests performed in accordance with *ISO/IEC 17025:2005 Chemical Scope of Accreditation*.




Matthew Winterer
 Laboratory Supervisor

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Verdure Sciences

Client Code: JD0000263

 Breanna Robinson
 17150 Metro Park Court
 Noblesville, IN 46060

ANALYTICAL REPORT

Received On: 04/23/2019
Reported On: 04/30/2019

AR-19-JD-022076-01

| | |
|--|---|
| Eurofins Sample Code: 473-2019-04230075 | Sample Registration Date: 04/23/2019 |
| Client Sample Code: LCL3EG1910D10(PS) | Condition Upon Receipt: 19.5 °C acceptable |
| Sample Description: LONGVIDA® | Sample Reference: |

| | | |
|---|--|---|
| UMGSH - Salmonella spp. - USP Chapter <62> | Reference U.S. Pharmacopeia Chapter 62 | Analysis Completed 04/26/2019 |
|---|--|---|

| | |
|-------------------------------------|--|
| Parameter Salmonella spp. | Result Not Detected per 10 g |
|-------------------------------------|--|

| | | |
|---|--|---|
| UMI9G - Staphylococcus aureus - USP Chapter <62> | Reference U.S. Pharmacopeia Chapter 62 | Analysis Completed 04/27/2019 |
|---|--|---|

| | |
|---|--|
| Parameter Staphylococcus aureus | Result Not Detected per 10 g |
|---|--|

| | | |
|--|--|---|
| UMIZH - Confirmation E. coli - USP Chapter <62> | Reference U.S. Pharmacopeia Chapter 62 | Analysis Completed 04/30/2019 |
|--|--|---|

| | |
|-----------------------------|--|
| Parameter E. coli | Result Not Detected per 10 g |
|-----------------------------|--|

| | | | |
|--|---------------------------------------|---|---|
| UMKP7 - Total Coliforms - BAM Chapter 4 | Reference FDA BAM Chapter 4 | Accreditation A2LA ISO/IEC 17025:2005 3329.01 | Analysis Completed 04/25/2019 |
|--|---------------------------------------|---|---|

| | |
|-------------------------------------|----------------------------|
| Parameter Total Coliforms | Result < 3 MPN/g |
|-------------------------------------|----------------------------|

| | | |
|---|--|---|
| UMMYZ - Total Aerobic Microbial Count - USP Chapter <61> | Reference U.S. Pharmacopeia Chapter 61 | Analysis Completed 04/28/2019 |
|---|--|---|

| | |
|---|---------------------------------|
| Parameter Total Aerobic Microbial Count | Result 10 (est) cfu/g |
|---|---------------------------------|

| | | |
|--|--|---|
| UMR5L - Mold - USP Chapter <61> | Reference U.S. Pharmacopeia Chapter 61 | Analysis Completed 04/28/2019 |
|--|--|---|

| | |
|--------------------------|---------------------------------|
| Parameter Mold | Result 10 (est) cfu/g |
|--------------------------|---------------------------------|

| | |
|---------------------------|---------------------------------|
| Parameter Yeast | Result 50 (est) cfu/g |
|---------------------------|---------------------------------|

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ANALYTICAL REPORT

AR-19-JD-022076-01

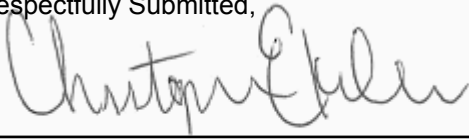
Received On: 04/23/2019
Reported On: 04/30/2019

| | |
|--|---|
| Eurofins Sample Code: 473-2019-04230075 | Sample Registration Date: 04/23/2019 |
| Client Sample Code: LCL3EG1910D10(PS) | Condition Upon Receipt: 19.5 °C acceptable |
| Sample Description: LONGVIDA® | Sample Reference: |

| | | |
|--|---|---|
| UMR5L - Yeast & Moulds - USP Chapter <61> | Reference U.S. Pharmacopeia Chapter 61 | Analysis Completed 04/28/2019 |
|--|---|---|

| Parameter | Result |
|----------------|----------------|
| Yeast & Moulds | 60 (est) cfu/g |

Respectfully Submitted,



Christopher Ekuban
Lab Supervisor



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.