

chemical solutions ltd.[®]

trace elemental analysis

Analytical Report

May 31, 2018

Yexun Wang
Verdure Sciences
1250 East Conner Street
Suite 201
Noblesville, IN 46060

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

Page 1 of 1
WO Number: W18E1048

Customer PO:
Date Received: 5/25/2018
Date Completed: 05/31/2018
Discard Date: 06/14/2018

CSL#: 18E2767 Longvida SD - Lot#: LCL10EP1802E14(PS)

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.50 ug/g	0.50	ICP MS	05/29/18	HG
Cadmium	<0.25 ug/g	0.25	ICP MS	05/29/18	HG
Lead	<0.050 ug/g	0.050	ICP MS	05/30/18	JTP
Mercury	<0.10 ug/g	0.10	ICP MS	05/29/18	HG

Respectfully Submitted,
Chemical Solutions, Ltd.

QA Representative

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.

May 30, 2018

Yexun Wang
 Verdure Sciences
 1250 East Conner St.
 Noblesville, IN 46060


CERTIFICATE OF ANALYSIS

AR-18-KK-008146-01

Batch #: EUCAPE-00102419

Sample Identification:

Sample #: 740-2018-05250014
 Description: Longvida® SD, Powder, Lot #LCL10EP1802E14(PS)
 Condition: Acceptable
 Date Received: May 25, 2018


 K0203: Curcuminoids in Turmeric (HPLC)		
Method Reference: Tønnesen et. al. (J. Chromatography. 259 (1983)367		Theoretical
Completed: 05/30/2018	Result	Level
Bisdemethoxycurcumin	0.661 % (w/w)	
Desmethoxycurcumin	4.36 % (w/w)	
Curcumin	20.8 % (w/w)	
<i>[Total Curcuminoid results are quantified using a Sigma curcumin reference material.]</i>		
Total Curcuminoids	25.8 % (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.*

Nizam Kadri
 Scientist Group Leader

MiChem Analytical Laboratory Inc.

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Email: michemanalytical@yahoo.com

These results assigned only to the submitted sample;
not to the material which it was taken.

Verdure Sciences
Attn: Gracie Deery
1250 E. Conner Street
Noblesville, IN 46060-2900

Sample Number: 26803-01
Date Reported: 6/24/2018
Date Received: 6/19/18 13:44
Description: Longvida SD Lot #:
LCL10EP1802E14 (DS)
In House ID: VS48
PO Number:

Requested Analysis

Test	Method	Result	Units
Verdure Sciences TPC, Coliform, E.coli, Staph A., Enterobacteriaceae, Salmonella, Yeast, Mold			
TPC	USP 32 <2021>	<100	CFU/gm
COLIFORM COUNT	USP 32 <2021>	<10	CFU/gm
E. COLI	USP <2022>	Negative	10/gm
STAPHYLOCOCCUS AUREUS	USP <2022>	Negative	10/gm
ENTEROBACTERIACEAE COUNT	USP 32 <2021>	<10	CFU/gm
SALMONELLA	USP <2022>	Negative	25/gm
YEAST COUNT	USP 32 <2021>	<10	CFU/gm
MOLD COUNT	USP 32 <2021>	<10	CFU/gm

Approved By:



Venus Hall, Lab Manager