

NutriSciences

SILLIKER, Inc. Southern California Laboratory

6360 Gateway Drive, Cypress, CA 90630 Tel. 209/ 549 7508 Fax. 714/ 226 0009

TO:

Mr. Zane Christopher Lost Empire Herbs 195 Aviation Way Watsonville, CA 95076

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COA No:	SCA-42293097-0
Supersedes:	None
COA Date	4/23/19
Page 10 of 25	•

CERTIFICATE OF ANALYSIS

Received From: Watsonville, CA
Received Date: 4/16/19

Location of Test: (except where noted)

Cypress, CA

Analytical Results

 Desc. 1:
 MARAL100110319
 Laboratory ID:
 387302451

 Desc. 2:
 Maral Root
 Condition Rec'd:
 NORMAL

 Temp Rec'd (°C):
 20.0

			Temp Rec'd (°	C): 20.0
<u>Analyte</u>	Result	<u>Units</u>	Method Reference	Test Date Loc.
ICP MS Full Mineral Screen			EPA 3050/6020 USP730	4/23/19 BRN
Aluminum	18.4	ppm (w/w)		
Antimony	<0.01	ppm (w/w)		
Arsenic	0.39	ppm (w/w)		
Barium	2.13	ppm (w/w)		
Beryllium	<0.01	ppm (w/w)		
Bismuth	<0.02	ppm (w/w)		
Boron	40.4	ppm (w/w)		
Cadmium	0.013	ppm (w/w)		
Calcium	1810	ppm (w/w)		
Chromium	0.47	ppm (w/w)		
Cobalt	0.11	ppm (w/w)		
Copper	0.53	ppm (w/w)		
Iron	61.0	ppm (w/w)		
Lead	0.14	ppm (w/w)		
Lithium	0.9	ppm (w/w)		
Magnesium	1380	ppm (w/w)		
Manganese	7.11	ppm (w/w)		
Mercury	<0.005	ppm (w/w)		
Molybdenum	0.40	ppm (w/w)		
Nickel	0.56	ppm (w/w)		
Phosphorus	332	ppm (w/w)		
Potassium	2440	ppm (w/w)		
Selenium	2.7	ppm (w/w)		
Silver	<0.02	ppm (w/w)		
Sodium	78600	ppm (w/w)		
Strontium	26.9	ppm (w/w)		
Thallium	<0.01	ppm (w/w)		
Thorium	<0.1	ppm (w/w)		
Tin		ppm (w/w)		
Titanium		ppm (w/w)		
Uranium		ppm (w/w)		
Vanadium		ppm (w/w)		

Results reported herein are provided "as is" and are based solely upon samples as provided by client. This report may not be distributed or reproduced except in full. Client shall not at any time misrepresent the content of this report. Mérieux NutriSciences assumes no responsibility, and client hereby waives all claims against Mérieux NutriSciences, for interpretation of such results.

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Analyte

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Anal	ytical Results		
MARAL100110319		Laboratory ID:	387302451
Maral Root		Condition Rec'd:	NORMAL
		Temp Rec'd (°C):	20.0
	Result Units	Method Reference Tes	t Date Loc.

 Zinc
 2.43 ppm (w/w)

 Zirconium
 <0.1 ppm (w/w)</td>

 Loss on Drying - USP
 3.46 % (w/w)
 USP/NF Current Ver. 4/23/19 BRN

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