

## Analytical Report

February 02, 2018

Eugenia Vargas F.  
Cypress Systems, Inc.  
40365 Brickyard Drive  
Suite 101  
Madera, CA 93636

Page 1 of 1  
WO Number: W18A0872

Client: Cypress Systems, Inc.  
Client #: C9773  
Sample Type: Powder  
Collector: Client

Customer PO:  
Date Received: 1/25/2018  
Date Completed: 02/02/2018  
Discard Date: 02/16/2018

**CSL#: 18A2223 High Selenium Yeast 1200 - Lot#: SE-117**

Parameter	Result	PQL	Method	Date	Analyst
Selenium	1,270 ug/g	10	ICP MS	02/01/18	JTP
Total Solids	95 %	0.005	USP <731>	01/31/18	MSR/HMD

**CSL#: 18A2223**

Parameter	Result	Serving Size	Unit Weight	Specification
Selenium	1,270 ppm	NA	NA	>1200 ppm
Total Solids	95 %	NA	NA	NA

Respectfully Submitted,  
Chemical Solutions, Ltd.

  
QA Representative

Joshua Reichert  
Reviewed and Approved  
Feb 2 2018 12:49 PM

cosign

Notes:

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The units for the PQL are the same as those shown for the result.

This sample was dried for 16 hours at 105C, digested according to CSL WI-046 and analyzed via ICP MS.



CERTIFICATE OF ANALYSIS

SILLIKER, Inc.
Northern California Laboratory
5262 Pirrone Court, Salida, CA 95368
Tel. 209/ 549 7508 Fax. 209/ 545 0245

Table with COA No: CCA-40880217-0, Supersedes: None, COA Date: 2/3/18, Page 1 of 1

COPY TO:
Mr. Roland Geiger
Customer Relationship Manager
Cypress Systems Incorporated
40365 Brickyard Drive
Madera, CA 93636

ORIGINAL TO:
Mr. Paul Willis
Title:CEO
Cypress Systems Incorporated
40365 Brickyard Drive, Suite 101
Madera, CA 93636

Table with Received From: Madera, CA, Received Date: 1/25/18, P.O.# / ID: N/A, Location of Test: (except where noted) Salida, CA

Analytical Results

Desc. 1: Selenium Yeast 1200 Laboratory ID: 374736020
Desc. 2: SE-117 Condition Rec'd: NORMAL
Temp Rec'd (°C): 20

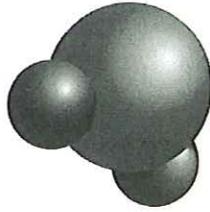
Table with columns: Analyte, Result, Units, Method Reference, Test Date, Loc.
Rows include: Moisture - Vacuum Oven, Aerobic Plate Count, Coliforms - 3 tube MPN, E. coli - Enrichment, Pseudomonas aeruginosa - Enrich., Salmonella - ELFA, Staphylococci Enrich. - coag. positive, Yeast and Mold, Yeast, Mold

COA Comment: If Coliforms tested, the result is Negative when based on a detection level of < 0.3 MPN/g.

Signature of Mike Erickson
Mike Erickson Laboratory Director

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**chemical solutions ltd.**  
trace elemental analysis

## Analytical Report

January 30, 2018

Eugenia Vargas F.  
Cypress Systems, Inc.  
40365 Brickyard Drive  
Suite 101  
Madera, CA 93636

Page 1 of 1  
WO Number: W18A0872

Client: Cypress Systems, Inc.  
Client #: C9773  
Sample Type: Powder  
Collector: Client

Customer PO:  
Date Received: 1/25/2018  
Date Completed: 01/29/2018  
Discard Date: 02/13/2018

CSL#: 18A2223HM\* High Selenium Yeast 1200 - Lot#: SE-117

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.50 ug/g	0.50	ICP MS	01/29/18	RBP
Cadmium	<0.25 ug/g	0.25	ICP MS	01/29/18	RBP
Lead	0.054 ug/g	0.050	ICP MS	01/26/18	JTP
Mercury	<0.10 ug/g	0.10	ICP MS	01/29/18	RBP

CSL#: 18A2223HM\*

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<1 ppm	NA	NA	<1 ppm
Cadmium	<1 ppm	NA	NA	<1 ppm
Lead	<1 ppm	NA	NA	<1 ppm
Mercury	<0.1 ppm	NA	NA	<0.1 ppm

Respectfully Submitted,  
Chemical Solutions, Ltd.

Mercedes Naugle  
Reviewed and Approved  
Jan 30 2018 05:04 PM

QA Representative

cosign

Notes:

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The units for the PQL are the same as those shown for the result.

\*Reported results are on an as received basis.



CERTIFICATE OF ANALYSIS

SILLIKER, Inc. Illinois Laboratory

3600 Eagle Nest Drive, North Building, Crete, IL 60417
Tel. 877-777-6375 Fax. 312-729-1320

Table with COA No: CHG-40872841-0, Supersedes: None, COA Date: 1/31/18, Page 1 of 1

COPY TO: Ms. Lisa Martin, Title: Director of Internal Operations, Cypress Systems Incorporated, 40365 Brickyard Drive, Madera, CA 93636

ORIGINAL TO: Mr. Paul Willis, Title: CEO, Cypress Systems Incorporated, 40365 Brickyard Drive, Suite 101, Madera, CA 93636

Received From: Madera, CA, Received Date: 1/25/18

Location of Test: (except where noted) Crete, IL

Analytical Results

Desc. 1: SE-117 Laboratory ID: 374715780
Desc. 2: High Selenium Yeast 1200 Condition Rec'd: NORMAL
Temp Rec'd (°C): 17

Table with columns: Analyte, Result, Units, Method Reference, Test Date, Loc. Includes rows for Bulk Density, Granulation, Sieve Size #1-6, Retained on Sieve #1-6, Pass Through Sieve #1-6, and Time.

COA Comment: If Coliforms tested, the result is Negative when based on a detection level of < 0.3 MPN/g.

Signature of Jeff Wilson, Division Vice President

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## CERTIFICATE OF ANALYSIS

**CYPRESS SYSTEMS, INC.**

40365 Brickyard Drive  
Suite 101, Madera, CA 93636  
P: 559-229-7850 F: 559-225-9007  
**Product: SelenoExcell High Selenium Yeast 1200**  
**Lot: SE-117**

PARAMETER	RESULTS	TEST METHOD
Free Selenium (ppm)	Not detected	YTM 1.1.19 Gerhard Schrauzer MBRT
Moisture (%)	4.04	AOAC 950.46B mod.
Protein (%)	50.76	AOAC 997.09
Phosphates (%)	2.7	Hach Digesdahl
Ash (%)	6.0	Genesis Nutritional Database
Particle size (60&100 mesh)	100 100	Rotap Rotap
Manufacturing date	01/20/2018	n/a

**No irradiation or ETO used**

*These results are reported by:*

Signature:   
 Print Name: Michelle Brodie  
 Title: *Regional Yeast Technologist*  
 Date: *02/01/2018*

AB Mauri (A Division of AB Mauri Food Inc.)  
4240 Duncan Avenue, Suite 150  
St. Louis, MO 63110  
www.abmna.com  
Client Services: 800-772-3971

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