



## CERTIFICATE OF ANALYSIS

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

COA No:	CCA-40432722-0
Supersedes:	None
COA Date	9/6/17
Page 1 of 1	

## TO:

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

Received From:	Memphis, TN
Received Date:	9/1/17
P.O.# / ID:	N/A
Location of Test: (except where noted) Salida, CA	

## Analytical Results

Desc. 1:	Inactive Dry Yeast	Laboratory ID:	371484972		
Desc. 2:	NF1NY501	Condition Rec'd:	NORMAL		
		Temp Rec'd (°C):	23		
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Moisture - Vacuum Oven	4.93	% (w/w)	AOAC 927.05	9/6/17	
Aerobic Plate Count	20	/g	AOAC 966.23	9/3/17	
Coliforms - 3 tube MPN	<0.3	/g	AOAC 966.24	9/5/17	
E. coli - Enrichment	Negative	/10g	Current USP/NF, 62	9/4/17	
Salmonella - ELFA	Negative	/60g	AOAC 2004.03	9/3/17	
Staphylococci Enrich. - coag. positive	Negative	/10g	Current USP/NF, 62	9/5/17	
Yeast and Mold			FDA-BAM, 7th ed.	9/6/17	
Yeast	<10	/g			
Mold	<10	/g			

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

  
Mike Erickson Laboratory Director

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Except as otherwise stated, Mérieux NutriSciences Terms and Conditions for Testing Services apply.



## CERTIFICATE OF ANALYSIS

**SILLIKER, Inc.****Northern California Laboratory**

5262 Pirrone Court, Salida, CA 95368

Tel. 209/ 549 7508 Fax. 209/ 545 0245

COA No:	CCA-40460345-0
Supersedes:	None
COA Date	9/16/17
Page 1 of 1	

**COPY TO:**

Ms. Eugenia Vargas  
Quality Assurance Manager  
Cypress Systems Incorporated  
40365 Brickyard Drive  
Madera, CA 93636

**ORIGINAL TO:**

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

Received From:	Madera, CA
Received Date:	9/12/17

Location of Test: (except where noted)  
Salida, CA

**Analytical Results**

Desc. 1: Inactive Dry Yeast  
Desc. 2: NF1NY501

Laboratory ID: 371685531

Condition Rec'd: NORMAL

Temp Rec'd (°C): 25

Analyte	Result	Units	Method Reference	Test Date	Loc.
Pseudomonas aeruginosa - Enrich.	Negative	/10g	Current USP/NF, 62	9/15/17	

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

  
Mike Erickson

Laboratory Director

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**chemical solutions ltd.**  
trace elemental analysis

## Analytical Report

September 5, 2017

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

Page 1 of 1

WO Number:

W17I0005

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

Customer PO:

Date Received:

9/1/2017

Date Completed:

9/01/2017

Discard Date:

9/19/2017

**CSL#: 17I0010 Inactive Dry Yeast - Lot#: NF1NY501**

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.5 ug/g	0.5	ICP MS	09/01/17	AW
Cadmium	<0.25 ug/g	0.25	ICP MS	09/01/17	AW
Lead	0.071 ug/g	0.05	ICP MS	09/01/17	AW
Mercury	<0.1 ug/g	0.1	ICP MS	09/01/17	AW

**CSL#: 17I0010**

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<0.5 ppm	NA	NA	<1 ppm
Cadmium	<0.25 ppm	NA	NA	<1 ppm
Lead	0.071 ppm	NA	NA	<1 ppm
Mercury	<0.1 ppm	NA	NA	<0.1 ppm

Respectfully Submitted,  
Chemical Solutions, Ltd.

*Mercedes D. Naugle*  
QA Representative

Mercedes Naugle  
Reviewed and Approved  
Sep 5 2017 12:13 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.



## CERTIFICATE OF ANALYSIS

**SILLIKER, Inc.****Illinois Laboratory**

3600 Eagle Nest Drive, North Building, Crete, IL 60417

Tel. 877-777-6375 Fax. 312-729-1320

COA No:	CHG-40435580-0
Supersedes:	None
COA Date	9/7/17
Page 1 of 1	

**TO:**

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

Received From:	Madera, CA
Received Date:	9/1/17

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

**Analytical Results**

Desc. 1:	NF1NY501	Laboratory ID:	371443299		
Desc. 2:	Inactive Dry Yeast	Condition Rec'd:	NORMAL		
		Temp Rec'd (°C):	19		
Analyte	Result	Units	Method Reference	Test Date	Loc.
Bulk Density			Internal method	9/7/17	
Bulk Density	0.611	g/mL			
Comment	Free Flow				
Bulk Density			Internal method	9/7/17	
Bulk Density	0.66	g/mL			
Comment	Packed				
Granulation			ASTA 10.0, Rev 10/04	9/7/17	
Sieve Size #1	40	-			
Sieve Size #2	50	-			
Sieve Size #3	60	-			
Sieve Size #4	70	-			
Sieve Size #5	80	-			
Sieve Size #6	100	-			
Retained on Sieve #1	0.10	% (w/w)			
Retained on Sieve #2	0.20	% (w/w)			
Retained on Sieve #3	0.20	% (w/w)			
Retained on Sieve #4	0.20	% (w/w)			
Retained on Sieve #5	1.10	% (w/w)			
Retained on Sieve #6	0.20	% (w/w)			
Pass Through Sieve #1	99.90	% (w/w)			
Pass Through Sieve #2	99.70	% (w/w)			
Pass Through Sieve #3	99.50	% (w/w)			
Pass Through Sieve #4	99.30	% (w/w)			
Pass Through Sieve #5	98.20	% (w/w)			
Pass Through Sieve #6	98.00	% (w/w)			
Time	17.0	min			

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

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: Nutritional Yeast – Inactive Dry**

**Lot: NF1NY501**

PARAMETER	RESULTS	TEST METHOD
Moisture (%)	4.78	AOAC 950.46B mod.
Protein (%)	51.1	AOAC 997.09
Phosphates (%)	2.8	Hach Digesdahl
Ash (%)	6.0	Genesis Nutritional Database
Particle size (60&100 mesh)	100 100	Rotap Rotap
Manufacturing date	08/28/2017	n/a

**No irradiation or ETO used**

*These results are reported by:*

Signature:   
 Print Name: Michelle Brodie  
 Title: Regional Yeast Technologist  
 Date: 09/11/2017

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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