BSK
Sacramento
Microbiology
Engineers & Laboratories

S2K0147

12/03/2012

Peggy Mori
Campbell Soup
6200 Franklin Blvd.
Sacramento, CA 95824

Dear Peggy Mori,

Thank you for selecting BSK Associates for your analytical testing needs. We have prepared this report in response to your request for analytical services. Enclosed are the results of analyses for samples received by the laboratory on 11/27/2012 15:04.

If additional clarification of any information is required, please contact your Client Services Representative, Brenda Hamilton at (916) 853-9293.

BSK ASSOCIATES

Brenda Hamilton
Sacramento Supervisor

3140 Gold Camp Drive # 160 **Rancho Cordova, CA 95670** **(916) 853-9293** **FAX (916) 853-9297** **www.bsklabs.com**

Case Narrative

Work Order Information

Client Name:	Campbell Soup	**Submitted by:**	Michael Schultz
Client Code:	Campb0538	**Shipped by:**	
Work Order:	S2K0147	**COC Number:**	
Project:	Monthly Bacti	**TAT:**	10
Client Project:	Monthly Bacteriological Analysis	**PO #:**	SC10019825

Sample Receipt Conditions

Cooler: **Default Cooler** **Temp. ºC:** 4.3

Containers Intact
COC/Labels Agree
Preservation Confirmed
Received On Wet Ice
Sample(s) arrived at lab on same day sampled.
Sample(s) were received in temperature range.
Initial receipt at BSK-SAC

Report Manager	Report Format
Peggy Mori	multiorder.rpt
Ron Gants	multiorder.rpt

3140 Gold Camp Drive # 160 Rancho Cordova, CA 95670 (916) 853-9293 FAX (916) 853-9297 www.bsklabs.com

BSK Sacramento Microbiology Engineering & Laboratories

Certificate of Analysis

Peggy Mori
Campbell Soup
6200 Franklin Blvd.
Sacramento, CA 95824

Report Issue Date: 12/03/2012 14:51
Received Date: 11/27/2012
Received Time: 15:04

Lab Sample ID: S2K0147-01
Sample Date: 11/27/2012 10:25
Sample Type: Routine

Client Project: Monthly Bacteriological Analysis
Sampled by: Michael Schultz
Matrix: Drinking Water
Sample Begin: 11/26/2012 00:00

Sample Description: Well 3

Field Data: Res. Cl =0.05 mg/L

Microbiology

Analyte	Method	Result	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by Colilert						
*E. Coli	SM 9223	**Absent**	S200160	11/27/12 16:34	11/28/12 10:34	
*Total Coliform	SM 9223	**Present**	S200160	11/27/12 16:34	11/28/12 10:34	

Lab Sample ID: S2K0147-02
Sample Date: 11/27/2012 10:34
Sample Type: Routine

Client Project: Monthly Bacteriological Analysis
Sampled by: Michael Schultz
Matrix: Drinking Water
Sample Begin: 11/26/2012 00:00

Sample Description: Well 4

Field Data: Res. Cl =0.04 mg/L

Microbiology

Analyte	Method	Result	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by Colilert						
*E. Coli	SM 9223	**Absent**	S200160	11/27/12 16:34	11/28/12 10:34	
*Total Coliform	SM 9223	**Present**	S200160	11/27/12 16:34	11/28/12 10:34	

Lab Sample ID: S2K0147-03
Sample Date: 11/27/2012 10:43
Sample Type: Routine

Client Project: Monthly Bacteriological Analysis
Sampled by: Michael Schultz
Matrix: Drinking Water
Sample Begin: 11/26/2012 00:00

Sample Description: W-9 Juice Lab

Field Data: Res. Cl =1.12 mg/L

Microbiology

Analyte	Method	Result	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by Colilert						
*E. Coli	SM 9223	**Absent**	S200160	11/27/12 16:34	11/28/12 10:34	

BSK Sacramento Microbiology Engineers & Laboratories

Certificate of Analysis

Peggy Mori
Campbell Soup
6200 Franklin Blvd.
Sacramento, CA 95824

Report Issue Date: 12/03/2012 14:51
Received Date: 11/27/2012
Received Time: 15:04

Lab Sample ID: S2K0147-03
Sample Date: 11/27/2012 10:43
Sample Type: Routine

Client Project: Monthly Bacteriological Analysis
Sampled by: Michael Schultz
Matrix: Drinking Water
Sample Begin: 11/26/2012 00:00

Sample Description: W-9 Juice Lab

Field Data: Res. Cl =1.12 mg/L

Microbiology

Analyte	Method	Result	Batch	Prepared	Analyzed	Qual
Coliform, Presence/Absence by Colilert						
*Total Coliform	SM 9223	**Absent**	S200160	11/27/12 16:34	11/28/12 10:34	

3140 Gold Camp Drive # 160 Rancho Cordova, CA 95670 (916) 853-9293 FAX (916) 853-9297 www.bsklabs.com

BSK Sacramento Microbiology Engineers & Laboratories

Certificate of Analysis

12/03/2012

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
- Sample(s) received, prepared, and analyzed within the method specified criteria unless otherwise noted within this report.
- The results relate only to the samples analyzed in accordance with test(s) requested by the client on the Chain of Custody document. Any analytical quality control exceptions to method criteria that are to be considered when evaluating these results have been flagged and are defined in the data qualifiers section.
- All results are expressed on wet weight basis unless otherwise specified.
- All positive results for EPA Methods 504.1, 502.2, and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Results contained in this analytical report must be reproduced in its entirety.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- BSK Analytical Laboratories certifies that the test results contained in this report meet all requirements of the NELAC Standards for applicable certified drinking water chemistry analyses unless qualified or noted in the Case Narrative.
- Analytical data contained in this report may be used for regulatory purposes to meet the requirements of the Federal or State drinking water, wastewater, and hazardous waste programs.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- * - This is not a NELAP accredited analyte.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- (2) The digestion used to produce this result deviated from EPA 200.2 by excluding hydrochloric acid in order to produce acceptable recoveries for affected metals.
- (2C) Result reported from secondary analytical column.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.

Certifications:

State of California - CDPH - ELAP	1180
State of California - CDPH - NELAP	04227CA
State of Nevada - NDEP	CA000792009A
State of Hawaii - DOH	04227CA

Please refer to our website for a copy of our Accredited Fields of Testing for each certificattion.

Definitions and Flags for Data Qualifiers

mg/L:	Milligrams/Liter (ppm)	M:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)		:DL x Dilution	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	ND:	None Detected at RL	Absent:	Less than 1 CFU/100mLs
%:	Percent Recovered (surrogates)	pCi/L:	Picocuries per Liter	Present:	1 or more CFU/100mLs
		NR:	Non-Reportable	RL Mult:	RL Multiplier

3140 Gold Camp Drive # 160 **Rancho Cordova, CA 95670** **(916) 853-9293** **FAX (916) 853-9297** **www.bsklabs.com**

BSK ANALYTICAL LABORATORIES

1414 Stanislaus Street, Fresno, CA 93706-1623
(559) 497-2888 • FAX (559) 497-2893 • www.bsklabs.com

S2K0147

MICROBIOLOGY

* Required Fields

TEMP 4.3°C

Client/Company Name *	Report Attention *
Campbell Soup Supply Co.	Peggy Mori

Address *	City *	State *	Zip *	Phone * #	FAX * #
6200 Franklin Blvd.	Sacramento	Ca	95824	916-428-7890	

Project Information	PO #	E-mail
Monthly Bacteriological Analysis		

Sampler Name Printed / Signature: MK Schultz

All drinking water bacteria will have verbal result available the morning of the second day. A written report will be provided in 7-10 business days. Other reporting arrangements can be made for an additional fee. All samples submitted for compliance with the total coliform rule must include a phone number to a live person, no answering machines of services.

* Regulatory Sample: YES ☑ NO ☐

How would you like your completed results sent?
☑ E-Mail ☐ Fax ☑ Mail Only

Copies To: Fresno Co. ☐ CA-DHS ☐ Tulare Co. ☐ Merced Co. ☐ **Other:** Sac County - Cheryl Hawkins

** KEY: Source = A - Drinking Water, B - Waste Water, C - Sewage, D - Other, E - Solid Type = 1 - Routine, 2 - Repeat, 3 - Replacement, 4 - Other

IF SAMPLE IS COLIFORM POSITIVE CONTACT*
Name: Peggy Mori/Ron Gants
1st Phone: 916-395-5038 2nd Phone: 916-869-7454

Lab Use Only
Contact:
Date:
Time: Init.

Sample #	Bacti ID#	Sample Description *	Sampled* Date	Sampled* Time	PA	1X10	3X5	Fecal Solids	HPC	Colilert 1X10	Other	Field Notes: C12 Res	Field Notes: Turbidity	** See Key: Source	** See Key: Type	Lab Results: Total Coli	Fecal Coli	E-Coli	HPC CFU/ml	Other
		Well # 3	11-27-12	1025	✓							0.05		A	1					
		Well # 4		1034	✓							0.04		A	1					
		W-9 Juice Lab	11-27-12	1043	✓							1.12		A	1					

MK 11-27-12

Relinquished by (Signature and Printed Name)	Company	Date	Time	Received by (Signature and Print Name)	Company
MK Schultz	BSK	11-27-12	1504		
Relinquished by (Signature and Printed Name)	Company	Date	Time	Received by (Signature and Print Name)	Company
Relinquished to Aux Lab by (Signature)	Received by Aux Lab by (Signature)	Date	Time	Container(s) Received: BSK Bottle = 120ml Plastic Serial w/$NA_2S_2O_3$ Other =	

Shipping Method: CAO UPS GSO WALK-IN SJVC FED EX OTHER

Cooling Method: WET BLUE NONE

Condition of Sample Acceptable

Other:

Payment Received at Delivery: Check/Cash/Card

Date Amount PIA #

SR 11-0606-00 (Microbiology)