



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 858-4800
Fax: (856) 786-0392

Attn.: Toni Ann Di Mondo
US Beverage Packers
1 Arizona Way
Keasbey, NJ 08832
tdimondo@drinkarizona.com
Phone: (914) 772-0545

EMSL Case No.: 362200726
Sample(s) Received: 3/17/2022
Date Reported: 3/31/2022
Date Printed: 3/31/2022
Reported By: E. Mirica

Laboratory Report

Project: Eboost 1st Run

Procurement of Samples and Analytical Overview:

The samples (four, liquid) arrived at EMSL Analytical (Cinnaminson, NJ) on March 17, 2022 in good condition. The samples were submitted for the purpose of heavy metals analysis. The data reported herein has been obtained using the following equipment and methodologies.

Methods: Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)
AOAC 2013.06 - Arsenic, Cadmium, Mercury, and Lead in Foods

Analyzed by:

Tessa King
Laboratory Analyst

March 28, 2022

Date

Reviewed/Approved:

Daniel Macready
Approved Signatory

March 31, 2022

Date

EMSL Analytical, Inc. maintains A2LA accreditation to ISO/IEC 17025:2017 for the specific tests listed in A2LA Certificate # 2845.15.



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Reported By: E. Mirica

Results:

Sample #	SL B1, M1, E1	
Sample Description:	Strawberry Lemonade	
EMSL Sample Number:	362200726-0001	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.067	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025
Selenium (Se)	< LOQ	0.050

Sample #	GL B1, M1, E1	
Sample Description:	Ginger Lime	
EMSL Sample Number:	362200726-0002	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.043	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025
Selenium (Se)	< LOQ	0.050



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Sample #	OM B1, M1, E1	
Sample Description:	Orange Mango	
EMSL Sample Number:	362200726-0003	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.103	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025
Selenium (Se)	< LOQ	0.050

Sample #	BR B1, M1, E1	
Sample Description:	Blue Raspberry	
EMSL Sample Number:	362200726-0004	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.076	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025
Selenium (Se)	< LOQ	0.050



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EMSL Case No.: 362200726
Sample(s) Received: 3/17/2022
Date Reported: 3/31/2022
Date Printed: 3/31/2022
Reported By: E. Mirica

Important Terms, Conditions, and Limitations:

Sample Retention: Non-perishable samples analyzed by EMSL will be retained for 60 days after analysis date at room temperature conditions. Perishable samples will be retained for maximum of 30 days in refrigerated conditions. Storage beyond this period is available for a fee with written request prior to the initial 30-day period. Samples containing hazardous/toxic substances which require special handling may be returned to the client immediately EMSL reserves the right to charge a sample disposal or return shipping fee.

Change Orders and Cancellation: All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

Warranty: EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

Limits of Liability: In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to ensure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

The data and other information contained in this report, as well as any accompanying documents, represent only the samples analyzed. They are reported upon the condition that they are not to be reproduced wholly or in part for advertising or other purposes without the written approval from the laboratory.



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1 Arizona Way
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Phone: (914) 772-0545

EMSL Case No.: 362201786
Sample(s) Received: 6/10/2022
Date Reported: 6/27/2022
Date Printed: 6/27/2022
Reported By: E. Mirica

212201495

Laboratory Report

Project: Eboost 2nd Run

Procurement of Samples and Analytical Overview:

The samples (six, bulk) arrived at EMSL Analytical (Cinnaminson, NJ) on June 10, 2022, in good condition. The samples were submitted for the purpose of elemental analysis. The data reported herein has been obtained using the following equipment and methodologies.

Methods: Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)
AOAC 2013.06 - Arsenic, Cadmium, Mercury, and Lead in Foods

Inductively Coupled Plasma-Optical Emission Spectroscopy (ICP-OES)
AOAC 2011.14 - Mineral and Trace Elements in Foods

Analyzed by:

Tessa King
Laboratory Analyst

June 27, 2022

Date

Reviewed/Approved:

Daniel Macready
Approved Signatory

June 27, 2022

Date

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tdimondo@drinkarizona.com
Phone: (914) 772-0545

EMSL Case No.: 362201786
Sample(s) Received: 6/10/2022
Date Reported: 6/27/2022
Date Printed: 6/27/2022
Reported By: E. Mirica

212201495

Results:

Sample #	1	
Sample Description:	Strawberry Lemonade (B1, M1, E1)	
EMSL Sample Number:	362201786-0001	
Analyte	Result (mg/100g)	Limit of Quantitation (mg/100g)
Potassium (K)	60.0	5.00

Sample #	2	
Sample Description:	Strawberry Lemonade (B2, M2, E2)	
EMSL Sample Number:	362201786-0002	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.108	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025

Sample #	3	
Sample Description:	Orange Mango (B1, M1, E1)	
EMSL Sample Number:	362201786-0003	
Analyte	Result (mg/100g)	Limit of Quantitation (mg/100g)
Potassium (K)	82.6	5.00



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Phone: (914) 772-0545

EMSL Case No.: 362201786
Sample(s) Received: 6/10/2022
Date Reported: 6/27/2022
Date Printed: 6/27/2022
Reported By: E. Mirica

212201495

Sample #	4	
Sample Description:	Orange Mango (B2, M2, E2)	
EMSL Sample Number:	362201786-0004	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.125	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025

Sample #	5	
Sample Description:	Blue Raspberry (B1, M1, E1)	
EMSL Sample Number:	362201786-0005	
Analyte	Result (mg/100g)	Limit of Quantitation (mg/100g)
Potassium (K)	78.8	5.00

Sample #	6	
Sample Description:	Blue Raspberry (B2, M2, E2)	
EMSL Sample Number:	362201786-0006	
Analyte	Result (ppm)	Limit of Quantitation (ppm)
Arsenic (As)	< LOQ	0.025
Cadmium (Cd)	< LOQ	0.025
Chromium (Cr)	0.100	0.025
Mercury (Hg)	< LOQ	0.025
Lead (Pb)	< LOQ	0.025



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EMSL Case No.: 362201786
Sample(s) Received: 6/10/2022
Date Reported: 6/27/2022
Date Printed: 6/27/2022
Reported By: E. Mirica

212201495

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Warranty: EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures and with reasonable care in accordance with applicable federal, state and local laws. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

Limits of Liability: In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to ensure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

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**EMSL ANALYTICAL, INC.**

200 Route 130 North
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Telephone: (856)858-4800 FAX: (856)786-0262
www.FoodTestingLab.com | www.ShelfLifeStudy.com | <http://www.EMSL.com>

EMSL ORDER ID: 632201566
EMSL CUSTOMER ID: UBPL75

Attention: Toni Ann DiMondo
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Customer PO: USBP12720EMSL
EMSL Project ID:
Project Name: Eboost 1st Run

Phone: 732-510-1700
Email: TDiMondo@DrinkArizona.com

Collected:
Received: 03/17/2022
Analyzed: 03/23/2022
Reported: 03/23/2022

Food Microbiology Analytical Report

Lab Sample #: 632201566-0001

Sample Matrix: Food

Sample Identification: Strawberry Lemonade (B3, M3, E3)

<u>Test Parameter</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Methods</u>	<u>Comment</u>
Yeast & Mold	<10 CFU / g	10 CFU / g	PF-AOAC 997.02	

Lab Sample #: 632201566-0002

Sample Matrix: Food

Sample Identification: Ginger Lime (B3, M3, E3)

<u>Test Parameter</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Methods</u>	<u>Comment</u>
Yeast & Mold	<10 CFU / g	10 CFU / g	PF-AOAC 997.02	

Lab Sample #: 632201566-0003

Sample Matrix: Food

Sample Identification: Orange Mango (B3, M3, E3)

<u>Test Parameter</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Methods</u>	<u>Comment</u>
Yeast & Mold	<10 CFU / g	10 CFU / g	PF-AOAC 997.02	

Lab Sample #: 632201566-0004

Sample Matrix: Food

Sample Identification: Blue Raspberry (B3, M3, E3)

<u>Test Parameter</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Methods</u>	<u>Comment</u>
Yeast & Mold	<10 CFU / g	10 CFU / g	PF-AOAC 997.02	

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EMSL ORDER ID: 632201566
EMSL CUSTOMER ID: UBPL75

Attention: Toni Ann DiMondo
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Customer PO: USBP12720EMSL
EMSL Project ID:
Project Name: Eboost 1st Run

Phone: 732-510-1700
Email: TDiMondo@DrinkArizona.com

Collected:
Received: 03/17/2022
Analyzed: 03/23/2022
Reported: 03/23/2022

Signature Page

Report Date
3/23/2022

Report Revision
R0

Revision Comments
Initial Report

Vincent Iuzzolino, M.S., Laboratory Director
or other approved signatory

Disclaimers

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Presence / Absence (P/A) tests are enrichment-based and thus will not have a strict detection limit calculation, for the purposes of determining the sensitivity to apply, the amount of sample tested is listed. The term "Absent" denotes that the microorganism / group was not recovered at or above the listed detection limit, but does not necessarily denote "zero level" or absence of that parameter. This report is not intended for FDA Import Detention Reporting, and has not been prepared in compliance with FDA Import / Export regulations. "Analysis Date" represents latest date of analysis for samples included on report. Analysis dates for all samples are available upon request.

This laboratory is accredited in accordance with the ISO/IEC 17025:2017 standard. This report may contain tests that are not part of the scope of accreditation, certificates can be reviewed at www.emsl.com.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>foodchemlab@EMSL.com

EMSL Order: 212200570

CustomerID: UBPL75

CustomerPO:

ProjectID:

Attn: **Toni Ann DiMondo**
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Phone: (732) 510-1700
Fax:
Received: 3/18/2022 09:00 AM

Project: **Eboost 1st Run**

Analytical Results

Client Sample Description Strawberry Lemonade (B1, M1, E1)**Serving Size:** N/A**Lab ID:** 212200570-0001

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
21 CFR Part 101	Calories (calculation)	4.24	N/A	kcal/100g	4/4/2022	RM
21 CFR Part 101	Total Carbohydrates (calculation)	1.06	0.1	g/100g	4/4/2022	RM
AOAC 2011.14	Calcium	ND	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Iron	ND	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Potassium	100	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Sodium	ND	3.00	mg/100g	3/28/2022	
AOAC 2011.14	Zinc	3.64	1.00	mg/100g	3/28/2022	
AOAC 923.03	Ash	0.20	N/A	g/100g	3/25/2022	MK
AOAC 925.19	Moisture	98.7	0.1	g/100g	3/23/2022	SE
AOAC 982.14	Total Sugar	ND	0.24	g/100g	3/30/2022	RM
AOAC 991.43	Total Dietary Fiber	ND	0.75	g/100g	3/25/2022	MK
AOAC 992.15	Protein	ND	0.1	g/100g	3/29/2022	MK
AOAC 994.10	Cholesterol	ND	1.09	mg/100g	3/24/2022	SE
AOAC 996.06	Total Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Saturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Polyunsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Monounsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Trans Fat	ND	0.03	g/100g	3/28/2022	RS
JAFC (2003)	Vitamin C	45.9	N/A	mg/100g	4/1/2022	RM

Definitions: ND - indicates that the analyte was not detected at the Limit of Quantitation
LOQ - Limit of Quantitation



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<http://www.EMSL.com>

foodchemlab@EMSL.com

EMSL Order: 212200570
CustomerID: UBPL75
CustomerPO:
ProjectID:

The minerals analysis was subcontracted to Medallion Labs in Minneapolis, MN.

Reviewed and Approved By:

Ryan McKenna, Food Chemistry Laboratory
Supervisor

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EMSL Analytical, Inc.

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Phone 914-772-0545

EMSL Case No.: 212200570
Sample(s) Received: 3/17/22
Date of Reporting: 4/4/22
Date Printed: 4/4/22
Reported By: R.McKenna

- Laboratory Report -

Procurement of Samples and Analytical Overview:

The samples for analysis arrived at EMSL Analytical (Cinnaminson, NJ) on March 17, 2022. Samples were subcontracted to Eurofins in Madison, WI for sugar alcohols, Vitamin D, and Vitamin Bs.

212200570-0001 : Strawberry Lemonade (B1, M1, E1)

Reviewed/Approved by:

Ryan McKenna
Laboratory Manager

March 17, 2022

Date

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Sample Name:	212200570-0001 UBPL75	Eurofins Sample:	11571984
Project ID	EMSL_ANAL-20220322-0021	Receipt Date	22-Mar-2022
PO Number	cvd	Receipt Condition	Ambient temperature
		Login Date	22-Mar-2022
		Date Started	23-Mar-2022
		Sampled	Sample results apply as received

Analysis	Result
Sugar Alcohol Profile	
Sorbitol	<500 ppm
Mannitol	<500 ppm
Maltitol	<500 ppm
Erythritol	<500 ppm
Xylitol	<500 ppm
Lactitol	<500 ppm
Isomalt GPS	<500 ppm
Isomalt GPM	<500 ppm
Total Sugar Alcohol	<500 ppm
Vitamin D by LCMS	
Total Vitamin D3 (mcg units)	0.0583 mcg/g
Total Vitamin D2 (mcg units)	<0.00100 mcg/g
Niacin by Microbiological Method	
Niacin	72.6 mcg/g
Pyridoxine	
Pyridoxine	6.47 mcg/g
Folic Acid by Microbiological Method	
Folates (may contain folic acid)	1.08 mcg/g
Vitamin B12 by Microbiological Method	
Vitamin B12	0.0429 mcg/g

Method References	Testing Location
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Folic Acid by Microbiological Method (FOAN_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Method 992.05 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA (Modified).

“Methods of Analysis for Infant Formulas,” Infant Formula Council, Atlanta, GA, Section C-2 (1985) (Modified).

Niacin by Microbiological Method (NIAP_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Methods 944.13 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD (Modified)

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Method References

Testing Location

Pyridoxine (B6A_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 961.15, AOAC INTERNATIONAL (Modified).

Atkins, L., Schultz, A. S., Williams, W. L., and Frey, C. N., "Yeast Microbiological Methods for Determination of Vitamins," *Industrial and Engineering Chemistry, Analytical Edition*, 15(2):141-144, (1943).

Sugar Alcohol Profile (SUGX_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Vitamin B12 by Microbiological Method (B12F_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 952.20 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (modified)

Methods of Analysis for Infant Formulas, Infant Formula Council, Atlanta, GA, Section C-3, (1985), (modified).

Vitamin D by LCMS (VDMS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA.

Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," *Journal of AOAC International*, Volume (92). No. 5:1327-1335 (2009).

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 /

<http://www.EMSL.com>foodchemlab@EMSL.com

EMSL Order: 212200570

CustomerID: UBPL75

CustomerPO:

ProjectID:

Attn: **Toni Ann DiMondo**
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Phone: (732) 510-1700
Fax:
Received: 3/18/2022 09:00 AM

Project: **Eboost 1st Run**

Analytical Results

Client Sample Description Ginger Lime (B1, M1, E1)**Serving Size:** N/A**Lab ID:** 212200570-0002

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
21 CFR Part 101	Calories (calculation)	3.88	N/A	kcal/100g	4/4/2022	RM
21 CFR Part 101	Total Carbohydrates (calculation)	0.87	0.1	g/100g	4/4/2022	RM
AOAC 2011.14	Calcium	1.22	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Iron	ND	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Potassium	104	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Sodium	ND	3.00	mg/100g	3/28/2022	
AOAC 2011.14	Zinc	3.76	1.00	mg/100g	3/28/2022	
AOAC 923.03	Ash	0.19	N/A	g/100g	3/25/2022	MK
AOAC 925.19	Moisture	98.8	0.1	g/100g	3/23/2022	SE
AOAC 982.14	Total Sugar	ND	0.24	g/100g	3/30/2022	RM
AOAC 991.43	Total Dietary Fiber	ND	0.75	g/100g	3/25/2022	MK
AOAC 992.15	Protein	0.10	0.1	g/100g	3/29/2022	MK
AOAC 994.10	Cholesterol	ND	1.24	mg/100g	3/24/2022	SE
AOAC 996.06	Total Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Saturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Polyunsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Monounsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Trans Fat	ND	0.03	g/100g	3/28/2022	RS
JAFC (2003)	Vitamin C	61.4	N/A	mg/100g	4/1/2022	RM

Definitions: ND - indicates that the analyte was not detected at the Limit of Quantitation
LOQ - Limit of Quantitation



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EMSL Order: 212200570
CustomerID: UBPL75
CustomerPO:
ProjectID:

The minerals analysis was subcontracted to Medallion Labs in Minneapolis, MN.

Reviewed and Approved By:

Ryan McKenna, Food Chemistry Laboratory
Supervisor

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EMSL Analytical, Inc.

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Phone: (800) 220-3675

Attn.: Toni Ann DiMondo
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1 Arizona Way
Keasbey, NJ 08832
Phone 914-772-0545

EMSL Case No.: 212200570
Sample(s) Received: 3/17/22
Date of Reporting: 4/4/22
Date Printed: 4/4/22
Reported By: R.McKenna

- Laboratory Report -

Procurement of Samples and Analytical Overview:

The samples for analysis arrived at EMSL Analytical (Cinnaminson, NJ) on March 17, 2022. Samples were subcontracted to Eurofins in Madison, WI for sugar alcohols, Vitamin D, and Vitamin Bs.

212200570-0002 : Ginger Lime (B1, M1, E1)

Reviewed/Approved by:

Ryan McKenna
Laboratory Manager

March 17, 2022

Date

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Sample Name:	212200570-0002 UBPL75	Eurofins Sample:	11571985
Project ID	EMSL_ANAL-20220322-0021	Receipt Date	22-Mar-2022
PO Number	cvd	Receipt Condition	Ambient temperature
		Login Date	22-Mar-2022
		Date Started	23-Mar-2022
		Sampled	Sample results apply as received

Analysis	Result
Sugar Alcohol Profile	
Sorbitol	<500 ppm
Mannitol	<500 ppm
Maltitol	<500 ppm
Erythritol	<500 ppm
Xylitol	<500 ppm
Lactitol	<500 ppm
Isomalt GPS	<500 ppm
Isomalt GPM	<500 ppm
Total Sugar Alcohol	<500 ppm
Vitamin D by LCMS	
Total Vitamin D3 (mcg units)	<0.00100 mcg/g
Total Vitamin D2 (mcg units)	<0.00100 mcg/g
Niacin by Microbiological Method	
Niacin	72.7 mcg/g
Pyridoxine	
Pyridoxine	6.19 mcg/g
Folic Acid by Microbiological Method	
Folates (may contain folic acid)	1.04 mcg/g
Vitamin B12 by Microbiological Method	
Vitamin B12	0.0486 mcg/g

Method References	Testing Location
-------------------	------------------

Folic Acid by Microbiological Method (FOAN_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Method 992.05 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA (Modified).

“Methods of Analysis for Infant Formulas,” Infant Formula Council, Atlanta, GA, Section C-2 (1985) (Modified).

Niacin by Microbiological Method (NIAP_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Methods 944.13 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD (Modified)

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Method References

Testing Location

Pyridoxine (B6A_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 961.15, AOAC INTERNATIONAL (Modified).

Atkins, L., Schultz, A. S., Williams, W. L., and Frey, C. N., "Yeast Microbiological Methods for Determination of Vitamins," *Industrial and Engineering Chemistry, Analytical Edition*, 15(2):141-144, (1943).

Sugar Alcohol Profile (SUGX_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Vitamin B12 by Microbiological Method (B12F_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 952.20 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (modified)

Methods of Analysis for Infant Formulas, Infant Formula Council, Atlanta, GA, Section C-3, (1985), (modified).

Vitamin D by LCMS (VDMS_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA.

Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," *Journal of AOAC International*, Volume (92). No. 5:1327-1335 (2009).

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375



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**EMSL Analytical, Inc.**

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EMSL Order: 212200570

CustomerID: UBPL75

CustomerPO:

ProjectID:

Attn: **Toni Ann DiMondo**
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Phone: (732) 510-1700
Fax:
Received: 3/18/2022 09:00 AM

Project: **Eboost 1st Run**

Analytical Results

Client Sample Description Orange Mango (B1, M1, E1)**Serving Size:** N/A**Lab ID:** 212200570-0003

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
21 CFR Part 101	Calories (calculation)	3.40	N/A	kcal/100g	4/4/2022	RM
21 CFR Part 101	Total Carbohydrates (calculation)	0.74	0.1	g/100g	4/4/2022	RM
AOAC 2011.14	Calcium	ND	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Iron	ND	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Potassium	102	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Sodium	ND	3.00	mg/100g	3/28/2022	
AOAC 2011.14	Zinc	3.72	1.00	mg/100g	3/28/2022	
AOAC 923.03	Ash	0.59	N/A	g/100g	3/25/2022	MK
AOAC 925.19	Moisture	98.6	0.1	g/100g	3/23/2022	SE
AOAC 982.14	Total Sugar	ND	0.24	g/100g	3/30/2022	RM
AOAC 991.43	Total Dietary Fiber	ND	0.75	g/100g	3/26/2022	MK
AOAC 992.15	Protein	0.11	0.1	g/100g	3/29/2022	MK
AOAC 994.10	Cholesterol	ND	1.05	mg/100g	3/24/2022	SE
AOAC 996.06	Total Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Saturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Polyunsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Monounsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Trans Fat	ND	0.03	g/100g	3/28/2022	RS
JAFC (2003)	Vitamin C	48.9	N/A	mg/100g	4/1/2022	RM

Definitions: ND - indicates that the analyte was not detected at the Limit of Quantitation
LOQ - Limit of Quantitation



EMSL Analytical, Inc.

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EMSL Order: 212200570
CustomerID: UBPL75
CustomerPO:
ProjectID:

The minerals analysis was subcontracted to Medallion Labs in Minneapolis, MN.

Reviewed and Approved By:

Ryan McKenna, Food Chemistry Laboratory
Supervisor

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EMSL Analytical, Inc.

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Phone: (800) 220-3675

Attn.: Toni Ann DiMondo
US Beverage Packers
1 Arizona Way
Keasbey, NJ 08832
Phone 914-772-0545

EMSL Case No.: 212200570
Sample(s) Received: 3/17/22
Date of Reporting: 4/4/22
Date Printed: 4/4/22
Reported By: R.McKenna

- Laboratory Report -

Procurement of Samples and Analytical Overview:

The samples for analysis arrived at EMSL Analytical (Cinnaminson, NJ) on March 17, 2022. Samples were subcontracted to Eurofins in Madison, WI for sugar alcohols, Vitamin D, and Vitamin Bs.

212200570-0003 : Orange Mango (B1, M1, E1)

Reviewed/Approved by:

Ryan McKenna
Laboratory Manager

March 17, 2022

Date

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Sample Name:	212200570-0003 UBPL75	Eurofins Sample:	11571986
Project ID	EMSL_ANAL-20220322-0021	Receipt Date	22-Mar-2022
PO Number	cvd	Receipt Condition	Ambient temperature
		Login Date	22-Mar-2022
		Date Started	23-Mar-2022
		Sampled	Sample results apply as received

Analysis	Result
Sugar Alcohol Profile	
Sorbitol	<500 ppm
Mannitol	<500 ppm
Maltitol	<500 ppm
Erythritol	<500 ppm
Xylitol	<500 ppm
Lactitol	<500 ppm
Isomalt GPS	<500 ppm
Isomalt GPM	<500 ppm
Total Sugar Alcohol	<500 ppm
Vitamin D by LCMS	
Total Vitamin D3 (mcg units)	0.0831 mcg/g
Total Vitamin D2 (mcg units)	<0.00100 mcg/g
Niacin by Microbiological Method	
Niacin	75.0 mcg/g
Pyridoxine	
Pyridoxine	6.01 mcg/g
Folic Acid by Microbiological Method	
Folates (may contain folic acid)	1.11 mcg/g
Vitamin B12 by Microbiological Method	
Vitamin B12	0.0587 mcg/g

Method References	Testing Location
-------------------	------------------

Folic Acid by Microbiological Method (FOAN_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Method 992.05 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA (Modified).

“Methods of Analysis for Infant Formulas,” Infant Formula Council, Atlanta, GA, Section C-2 (1985) (Modified).

Niacin by Microbiological Method (NIAP_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Methods 944.13 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD (Modified)

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Method References

Testing Location

Pyridoxine (B6A_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 961.15, AOAC INTERNATIONAL (Modified).

Atkins, L., Schultz, A. S., Williams, W. L., and Frey, C. N., "Yeast Microbiological Methods for Determination of Vitamins," *Industrial and Engineering Chemistry, Analytical Edition*, 15(2):141-144, (1943).

Sugar Alcohol Profile (SUGX_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally Developed Method

Vitamin B12 by Microbiological Method (B12F_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 952.20 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (modified)

Methods of Analysis for Infant Formulas, Infant Formula Council, Atlanta, GA, Section C-3, (1985), (modified).

Vitamin D by LCMS (VDMS_S)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA.

Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," *Journal of AOAC International*, Volume (92). No. 5:1327-1335 (2009).

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
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800-675-8375



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**EMSL Analytical, Inc.**

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EMSL Order: 212200570

CustomerID: UBPL75

CustomerPO:

ProjectID:

Attn: **Toni Ann DiMondo**
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Phone: (732) 510-1700
Fax:
Received: 3/18/2022 09:00 AM

Project: **Eboost 1st Run**

Analytical Results

Client Sample Description Blue Raspberry (B1, M1, E1)**Serving Size:** N/A**Lab ID:** 212200570-0004

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
21 CFR Part 101	Calories (calculation)	4.12	N/A	kcal/100g	4/4/2022	RM
21 CFR Part 101	Total Carbohydrates (calculation)	1.03	0.1	g/100g	4/4/2022	RM
AOAC 2011.14	Calcium	2.24	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Iron	ND	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Potassium	86.9	1.00	mg/100g	3/28/2022	
AOAC 2011.14	Sodium	ND	3.00	mg/100g	3/28/2022	
AOAC 2011.14	Zinc	3.46	1.00	mg/100g	3/28/2022	
AOAC 923.03	Ash	0.17	N/A	g/100g	3/25/2022	MK
AOAC 925.19	Moisture	98.8	0.1	g/100g	3/23/2022	SE
AOAC 982.14	Total Sugar	ND	0.24	g/100g	3/30/2022	RM
AOAC 991.43	Total Dietary Fiber	ND	0.75	g/100g	3/29/2022	MK
AOAC 992.15	Protein	ND	0.1	g/100g	3/29/2022	MK
AOAC 994.10	Cholesterol	ND	1.05	mg/100g	3/24/2022	SE
AOAC 996.06	Total Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Saturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Polyunsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Monounsaturated Fat	ND	0.03	g/100g	3/28/2022	RS
AOAC 996.06	Trans Fat	ND	0.03	g/100g	3/28/2022	RS
JAFC (2003)	Vitamin C	50.0	N/A	mg/100g	4/1/2022	RM

Definitions: ND - indicates that the analyte was not detected at the Limit of Quantitation
LOQ - Limit of Quantitation



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EMSL Order: 212200570
CustomerID: UBPL75
CustomerPO:
ProjectID:

The minerals analysis was subcontracted to Medallion Labs in Minneapolis, MN.

Reviewed and Approved By:

Ryan McKenna, Food Chemistry Laboratory
Supervisor

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Phone: (800) 220-3675

Attn.: Toni Ann DiMondo
US Beverage Packers
1 Arizona Way
Keasbey, NJ 08832
Phone 914-772-0545

EMSL Case No.: 212200570
Sample(s) Received: 3/17/22
Date of Reporting: 4/4/22
Date Printed: 4/4/22
Reported By: R.McKenna

- Laboratory Report -

Procurement of Samples and Analytical Overview:

The samples for analysis arrived at EMSL Analytical (Cinnaminson, NJ) on March 17, 2022. Samples were subcontracted to Eurofins in Madison, WI for sugar alcohols, Vitamin D, and Vitamin Bs.

212200570-0004 : Blue Raspberry (B1, M1, E1)

Reviewed/Approved by:

Ryan McKenna
Laboratory Manager

March 17, 2022

Date

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Sample Name:	212200570-0004 UBPL75	Eurofins Sample:	11571987
Project ID	EMSL_ANAL-20220322-0021	Receipt Date	22-Mar-2022
PO Number	cvd	Receipt Condition	Ambient temperature
		Login Date	22-Mar-2022
		Date Started	23-Mar-2022
		Sampled	Sample results apply as received

Analysis	Result
Sugar Alcohol Profile	
Sorbitol	<500 ppm
Mannitol	<500 ppm
Maltitol	<500 ppm
Erythritol	<500 ppm
Xylitol	<500 ppm
Lactitol	<500 ppm
Isomalt GPS	<500 ppm
Isomalt GPM	<500 ppm
Total Sugar Alcohol	<500 ppm
Vitamin D by LCMS	
Total Vitamin D3 (mcg units)	0.0841 mcg/g
Total Vitamin D2 (mcg units)	<0.00100 mcg/g
Niacin by Microbiological Method	
Niacin	68.8 mcg/g
Pyridoxine	
Pyridoxine	5.56 mcg/g
Folic Acid by Microbiological Method	
Folates (may contain folic acid)	1.07 mcg/g
Vitamin B12 by Microbiological Method	
Vitamin B12	0.0458 mcg/g

Method References	Testing Location
-------------------	------------------

Folic Acid by Microbiological Method (FOAN_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Method 992.05 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA (Modified).

“Methods of Analysis for Infant Formulas,” Infant Formula Council, Atlanta, GA, Section C-2 (1985) (Modified).

Niacin by Microbiological Method (NIAP_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA


Official Methods of Analysis, Methods 944.13 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD (Modified)

Certificate of Analysis

EMSL Analytical

200 Rte. 130 North
Cinnaminson New Jersey 08077

Method References	Testing Location
Pyridoxine (B6A_S) <i>Official Methods of Analysis</i> , Method 961.15, AOAC INTERNATIONAL (Modified). Atkins, L., Schultz, A. S., Williams, W. L., and Frey, C. N., "Yeast Microbiological Methods for Determination of Vitamins," <i>Industrial and Engineering Chemistry, Analytical Edition</i> , 15(2):141-144, (1943).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Sugar Alcohol Profile (SUGX_S) Internally Developed Method	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Vitamin B12 by Microbiological Method (B12F_S) <i>Official Methods of Analysis</i> , Method 952.20 and 960.46, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (modified) Methods of Analysis for Infant Formulas, Infant Formula Council, Atlanta, GA, Section C-3, (1985), (modified).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Vitamin D by LCMS (VDMS_S) Official Methods of Analysis of AOAC INTERNATIONAL, Current Ed., Method 2011.11, AOAC INTERNATIONAL, Gaithersburg, MD, USA. Huang, M., Laluzerne, P., Winters, D., Sullivan, D., "Measurement of Vitamin D in Foods and Nutritional Supplements by Liquid Chromatography/Tandem Mass Spectrometry," <i>Journal of AOAC International</i> , Volume (92). No. 5:1327-1335 (2009).	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA

Testing Location(s)	Released on Behalf of Eurofins by
Food Integrity Innovation-Madison Eurofins Food Chemistry Testing Madison, Inc. 6304 Ronald Reagan Ave Madison WI 53704 800-675-8375	Edward Ladwig - President Eurofins Food Chemistry Testing Madison  2918.01

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**EMSL Analytical, Inc.**

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EMSL Order: 212201495

CustomerID: UBPL75

CustomerPO:

ProjectID:

Attn: **Toni Ann DiMondo**
US Beverage Packers LLC
1 Arizona Way
Keasbey, NJ 08832

Phone: (732) 510-1700
Fax:
Received: 6/10/2022 09:00 AM

Project: **Eboost 2nd Run**

Analytical Results

Client Sample Description Strawberry Lemonade (B1, M1, E1) **Serving Size:** N/A **Lab ID:** 212201495-0001

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
AOAC 2011.11	Vitamin D2 (ergocalciferol)	ND	0.10	µg/100g	6/16/2022	
AOAC 2011.11	Vitamin D3 (cholecalciferol)	5.38	0.10	µg/100g	6/16/2022	
JAFC (2003)	Vitamin C	49.6	1.20	mg/100g	6/22/2022	SE

Client Sample Description Orange Mango (B1, M1, E1) **Serving Size:** N/A **Lab ID:** 212201495-0002

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
AOAC 2011.11	Vitamin D2 (ergocalciferol)	ND	0.10	µg/100g	6/16/2022	
AOAC 2011.11	Vitamin D3 (cholecalciferol)	8.35	0.10	µg/100g	6/16/2022	
JAFC (2003)	Vitamin C	45.5	1.18	mg/100g	6/22/2022	SE

Client Sample Description Blue Raspberry (B1, M1, E1) **Serving Size:** N/A **Lab ID:** 212201495-0003

Method	Parameter	Result	LOQ	Units	Analysis Date	Analyst
AOAC 2011.11	Vitamin D2 (ergocalciferol)	ND	0.10	µg/100g	6/16/2022	
AOAC 2011.11	Vitamin D3 (cholecalciferol)	8.93	0.10	µg/100g	6/16/2022	
JAFC (2003)	Vitamin C	66.5	1.24	mg/100g	6/22/2022	SE

Definitions: ND - indicates that the analyte was not detected at the Limit of Quantitation
LOQ - Limit of Quantitation



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EMSL Order: 212201495
CustomerID: UBPL75
CustomerPO:
ProjectID:

The Vitamin D analysis was subcontracted to Eurofins in Madison, WI.

Reviewed and Approved By:

Ryan McKenna, Food Chemistry Laboratory
Supervisor

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