

REPORT OF ANALYSIS

For: ()
Kiss My Keto
C of A

Analysis	Level Found	Reporting		Method
	As Received	Units	Limit	
Sample ID: KMK-A1 VanSB Lab Number: 8711192 Date Sampled: 2020-01-03				
Moisture (vacuum oven)	3.8	%	0.1	AOAC variable
Fat (acid hydrolysis)	32.4	%	0.1	AOAC 922.06 (mod)
Protein	17.1	%	0.1	MWL FO 014
Aerobic plate count	250	cfu/g	10	AOAC 990.12
E. coli (generic)	n.d.	cfu/g	10	AOAC 991.14
Total coliforms	n.d.	cfu/g	10	AOAC 991.14
Salmonella	negative	org/25g	1	RapidChek/AOAC RI 030301; AFNOR SDI 34/01-04/10
Staphylococcus aureus	n.d.	cfu/g	10	AOAC 2003.07
Yeast	n.d.	cfu/g	10	FDA/BAM Chapt. 18
Mold count	10	cfu/g	10	FDA/BAM Chapt. 18
Sample ID: KMK-B1 Brownie Lab Number: 8711193 Date Sampled: 2020-01-03				
Moisture (vacuum oven)	2.8	%	0.1	AOAC variable
Fat (acid hydrolysis)	19.4	%	0.1	AOAC 922.06 (mod)
Protein	8.6	%	0.1	MWL FO 014
Aerobic plate count	200	cfu/g	10	AOAC 990.12
E. coli (generic)	n.d.	cfu/g	10	AOAC 991.14
Total coliforms	n.d.	cfu/g	10	AOAC 991.14
Salmonella	negative	org/25g	1	RapidChek/AOAC RI 030301; AFNOR SDI 34/01-04/10
Staphylococcus aureus	n.d.	cfu/g	10	AOAC 2003.07

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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Analysis	Level Found	Units	Reporting		Method
	As Received		Limit		
Sample ID: KMK-B1 Brownie	Lab Number: 8711193 (con't)				
Yeast	n.d.	cfu/g	10		FDA/BAM Chapt. 18
Mold count	10	cfu/g	10		FDA/BAM Chapt. 18
Sample ID: KMK-C1 SnickerSB	Lab Number: 8711194	Date Sampled: 2020-01-03			
Moisture (vacuum oven)	3.9	%	0.1		AOAC variable
Fat (acid hydrolysis)	32.3	%	0.1		AOAC 922.06 (mod)
Protein	17.1	%	0.1		MWL FO 014
Aerobic plate count	230	cfu/g	10		AOAC 990.12
E. coli (generic)	n.d.	cfu/g	10		AOAC 991.14
Total coliforms	n.d.	cfu/g	10		AOAC 991.14
Salmonella	negative	org/25g	1		RapidChek/AOAC RI 030301; AFNOR SDI 34/01-04/10
Staphylococcus aureus	n.d.	cfu/g	10		AOAC 2003.07
Yeast	20	cfu/g	10		FDA/BAM Chapt. 18
Mold count	10	cfu/g	10		FDA/BAM Chapt. 18

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Analysis	Level Found	Units	Reporting	Method
	As Received		Limit	

All results are reported on an AS RECEIVED basis., n.d. = not detected , cfu = colony forming unit

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Detailed Method Description(s)

Aerobic Plate Count AOAC

Sample analysis follows MWL MI 293 which is based on AOAC 990.12. A representative 25 +/- 0.5 g sample is obtained and placed in a stomacher bag along with 225 mL of phosphate buffer. The stomacher bag is blended to homogenize the sample. Aliquots of the sample are withdrawn and placed on the Petrifilm plates. After the plates are prepared, they are incubated for 48 +/- 3 hours to allow for growth of the organisms at 35 +/- 1C. After plates are incubated, the colonies found on the plates are counted and the levels reported as colony forming units (cfu) per gram.

Vacuum moisture

Analyses follows MWL FO 002 which references individual AOAC methods for specific materials including beef powders (AOAC 990.19), sugar (AOAC 925.45), flour (AOAC 925.09), pasta (AOAC 926.07), nuts (AOAC 925.40), dried fruits (AOAC 934.06) and others. Samples are weighed in a tin and placed in a special oven that can be sealed, a vacuum produced and temperature regulated. Depending on the material, the amount of sample, vacuum level, temperature, and heating time are followed. After the specified time the samples are re-weighed and the loss in mass is reported as vacuum moisture.

E. coli and Total Coliform using 3M Petrifilm

Sample analysis follows MWL MI 292 which is based on AOAC 991.14. A representative 25 +/- 0.5 g is obtained and placed in a stomacher bag along with 225 mL of phosphate buffer. If the sample is an environmental sponge, 15 mL of phosphate buffer is added to each sponge. The stomacher bag is blended or hand-massaged to homogenize the sample. Aliquots of the sample are withdrawn and placed on the Petrifilm plates. After the plates are prepared, they are incubated for 48 +/- 4 hours at 35 +/- 1C. After samples are incubated, plates are counted to determine the number of generic E. coli and total coliform present. The color of the colony and the presence of gas differentiate a generic coliform from E. coli. The levels reported as colony forming units (cfu) per gram.

Fat (acid hydrolysis)

Analysis follows MWL FO 08 which is based on AOAC 922.06. The homogenized sample is treated with hydrochloric acid and then washed at least twice with both petroleum ether and diethyl ether and the solution placed in a pre-weighed container. The ether solution, which contains the dissolved fat, is evaporated and the percent fat determined by the weight gain of the beaker.

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AOAC 992.15 protein

Protein analysis is carried out using MWL FO 014 which is based on AOAC 992.15 and USDA/FSIS CLG-PRO04.03. Samples are weighed and placed in an instrument that combusts the sample and releases nitrogen. The amount of nitrogen is determined and then multiplied by a factor to convert the nitrogen value to a protein value. The standard reporting level is 0.1%

Salmonella - Lateral Flow

Samples are analyzed following MWL MI 195. Samples are analyzed using the RapidChek Select Salmonella Test Kit. A representative sample is obtained using aseptic technique. Each sample is weighed into a sterile bag and enrichment media is added. Samples are incubated and screened for Salmonella. Results are reported as presumptive positive or negative.

Staph aureus by 3M petrifilm by AOAC 2003.07

Sample analysis follows MWL MI 289 which is based on AOAC 2003.07 and AOAC 2003.11. Representative samples are obtained and added to phosphate buffer at a ratio of 9 parts media to 1 part sample (9:1). Samples are placed on 3M Petrifilm and incubated for 24 hours. After the incubation period, plates are counted and reported as colony forming units.

Yeast and mold FDA/BAM Chapter 18

Sample analysis follows MWL MI 288 which is based on FDA/BAM Chapter 18. Samples are obtained and added to phosphate buffer at a 9:1 ratio or a pre-determined volume if a swab or sponge. Sample aliquots are removed to provide a dilution series on PDA (potato dextrose agar) and incubated at 25°C for up to five (5) days. Colonies on the plates are counted and the results issued in cfu/g, cfu/swab, cfu/sponge, or other unit depending on the type of sample.

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