



MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
1201 Lincoln Highway ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

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CERTIFICATE OF ANALYSIS

PROTEIN FACTORY
644 CROSS STREET #6
LAKEWOOD NJ 08701

Page: 1 of 3
Report Date: 28 Apr 2016
Work Order #: 13301
Account #: 032344
PO #: 8444
Date Received: 19 Apr 2016
Sampled by: MC
Project Name: HELIOGEN
Temperature at Receipt: AMBIENT

	As Received Result		Method Reference	Date Analyzed
16-M60297	31603036 HELIOGEN CHOCOLATE POWDER			
Ash	4.43	%	AOAC 923.03	20 Apr 16
Fat, Acid Hydrolysis	2.88	%	AOAC 16th Ed.	19 Apr 16
Moisture, Vacuum Oven	5.49	%	AOAC 927.05	19 Apr 16
	100 deg/5 hrs vac			
Aerobic Plate Count	30	CFU/gram	BAM 8th Ed	19 Apr 16
Coliform Count	< 10	CFU/gram	BAM Ch 4	19 Apr 16
Escherichia coli	< 10	CFU/gram	BAM Ch 4	19 Apr 16
Staphylococcus aureus	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Mold Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Yeast Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Salmonella (VIDAS)	Negative		BAM Ch 5/AOAC 2011.03	19 Apr 16
Weight for Salmonella	25	grams		19 Apr 16
Total Calories, Calculated	374.72	Kcal/100g	21 CFR 101.9	21 Apr 16
Carbohydrate	5.15	%	Calculated	21 Apr 16
Protein N x 6.25	82.05	%	AOAC 988.05	21 Apr 16

MVTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.



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Temperature at Receipt: AMBIENT

	As Received Result		Method Reference	Date Analyzed
16-M60298	31603038 HELIOGEN PLAIN POWDER			
T. Enterobacteriaceae Count (TEC)	< 10	CFU/gram	CMMEF 4th ED	22 Apr 16
pH	6.83	units	SM 18th Ed 4500 H+	21 Apr 16
Ash	4.17	%	AOAC 923.03	20 Apr 16
Fat, Acid Hydrolysis	1.48	%	AOAC 16th Ed.	19 Apr 16
Moisture, Vacuum Oven	5.43	%	AOAC 927.05	28 Apr 16
	100 deg/5 hrs vac			
Aerobic Plate Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Coliform Count	< 10	CFU/gram	BAM Ch 4	19 Apr 16
Escherichia coli	< 10	CFU/gram	BAM Ch 4	19 Apr 16
Staphylococcus aureus	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Mold Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Yeast Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Mesophilic Aerobic Spores	< 10	CFU/gram	CMMEF 3rd Ed 1992 APHA	22 Apr 16
Salmonella (VIDAS)	Negative		BAM Ch 5/AOAC 2011.03	19 Apr 16
Weight for Salmonella	25	grams		19 Apr 16
Scorched Particles	7.5	mg	ADPI	21 Apr 16
Total Calories, Calculated	369.00	Kcal/100g	21 CFR 101.9	21 Apr 16
Carbohydrate	1.65	%	Calculated	28 Apr 16
Calcium	1.43	%	AOAC 985.01	26 Apr 16
Sodium	0.01	%	AOAC 985.01	26 Apr 16
Potassium	0.02	%	AOAC 985.01	26 Apr 16
Protein N x 6.25	87.27	%	AOAC 988.05	21 Apr 16

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(continued for sample 16-M60298)

16-M60299	31603037 HELIOGEN VANILLA POWDER			
Ash	4.43	%	AOAC 923.03	20 Apr 16
Fat, Acid Hydrolysis	1.27	%	AOAC 16th Ed.	20 Apr 16
Moisture, Vacuum Oven	5.95	%	AOAC 927.05	19 Apr 16
	100 deg/5 hrs vac			
Aerobic Plate Count	60	CFU/gram	BAM 8th Ed	19 Apr 16
Coliform Count	< 10	CFU/gram	BAM Ch 4	19 Apr 16
Escherichia coli	< 10	CFU/gram	BAM Ch 4	19 Apr 16
Staphylococcus aureus	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Mold Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Yeast Count	< 10	CFU/gram	BAM 8th Ed	19 Apr 16
Salmonella (VIDAS)	Negative		BAM Ch 5/AOAC 2011.03	19 Apr 16
Weight for Salmonella	25	grams		19 Apr 16
Total Calories, Calculated	364.83	Kcal/100g	21 CFR 101.9	21 Apr 16
Carbohydrate	0.44	%	Calculated	21 Apr 16
Cholesterol	22.0	mg/100g	AOAC 994.10 Modified	26 Apr 16
Calcium	1.46	%	AOAC 985.01	26 Apr 16
Protein N x 6.25	87.91	%	AOAC 988.05	21 Apr 16

CFU = Colony Forming Units

Approved by:

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Mike Smoley, Microbiology Lab Manager New Ulm, MN