



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

MEMBER
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AN EQUAL OPPORTUNITY EMPLOYER

CERTIFICATE OF ANALYSIS

PROTEIN FACTORY
644 CROSS STREET #6
LAKEWOOD NJ 08701

Page: 1 of 1
Report Date: 15 Jan 2016
Work Order #: 02718
Account #: 032344
PO #: 8300
Date Received: 5 Jan 2016
Sampled by: MC
Project Name: WHEY ISOLATE
Temperature at Receipt: AMBIENT

	As Received Result		Method Reference	Date Analyzed
16-M1554	Lot #: 31511173			
	WHEY ISOLATE 2218 POWDER			
Ash	2.89	%	AOAC 923.03	15 Jan 16
Fat, Acid Hydrolysis	2.52	%	AOAC 16th Ed.	6 Jan 16
Moisture, Vacuum Oven	4.10	%	AOAC 927.05	7 Jan 16
	100 deg/5 hrs vac			
Aerobic Plate Count	60	CFU/gram	BAM 8th Ed	5 Jan 16
Coliform Count	< 10	CFU/gram	BAM Ch 4	5 Jan 16
Escherichia coli	< 10	CFU/gram	BAM Ch 4	5 Jan 16
Staphylococcus aureus	< 10	CFU/gram	BAM 8th Ed	5 Jan 16
Mold Count	10	CFU/gram	BAM 8th Ed	5 Jan 16
Yeast Count	< 10	CFU/gram	BAM 8th Ed	5 Jan 16
Salmonella (VIDAS)	Negative		BAM Ch 5/AOAC 2011.03	5 Jan 16
Weight for Salmonella	100	grams		5 Jan 16
Fiber, Total Dietary	3.65	%	AOAC 985.29 16th Ed	8 Jan 16
Total Calories, Calculated	384.64	Kcal/100g	21 CFR 101.9	7 Jan 16
Carbohydrate	9.97	%	Calculated	15 Jan 16
Calcium	0.44	%	AOAC 985.01	6 Jan 16
Sodium	0.15	%	AOAC 985.01	6 Jan 16
Protein N x 6.25	80.52	%	AOAC 988.05	7 Jan 16

CFU = Colony Forming Units

Approved by:

Dan O'Connell, Chemistry Lab Manager New Ulm, MN

Jesse L. Portner, Microbiology Lab Manager New Ulm, MN

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www.mvttl.com

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PROTEIN FACTORY
644 CROSS STREET #6
LAKEWOOD NJ 08701

Page: 1 of 1
Report Date: 22 Feb 2016
Work Order #: 07123
Account #: 032344
PO #: 8417
Date Received: 17 Feb 2016
Sampled by: MC
Project Name: WHEY ISOLATE
Temperature at Receipt: AMBIENT

	As Received Result		Method Reference	Date Analyzed
16-M26111	Lot #: 31602023			
	WHEY ISOLATE VANILLA 2219 POWDER			
Ash	2.73	%	AOAC 923.03	18 Feb 16
Fat, Mojonnier	1.66	%	AOAC 989.05	18 Feb 16
Moisture, Vacuum Oven	5.36	%	AOAC 927.05	18 Feb 16
	100 deg/5 hrs vac			
Aerobic Plate Count	40	CFU/gram	BAM 8th Ed	17 Feb 16
Coliform Count	< 10	CFU/gram	BAM Ch 4	17 Feb 16
Escherichia coli	< 10	CFU/gram	BAM Ch 4	17 Feb 16
Staphylococcus aureus	< 10	CFU/gram	BAM 8th Ed	17 Feb 16
Mold Count	< 10	CFU/gram	BAM 8th Ed	17 Feb 16
Yeast Count	< 10	CFU/gram	BAM 8th Ed	17 Feb 16
Salmonella (VIDAS)	Negative		BAM Ch 5/AOAC 2011.03	17 Feb 16
Weight for Salmonella	100	grams		17 Feb 16
Total Calories, Calculated	375.94	Kcal/100g	21 CFR 101.9	22 Feb 16
Carbohydrate	4.83	%	Calculated	22 Feb 16
Calcium	0.50	%	AOAC 985.01	18 Feb 16
Sodium	0.12	%	AOAC 985.01	18 Feb 16
Protein - Kjeld N x 6.38	85.42	%	AOAC 988.05	22 Feb 16

CFU = Colony Forming Units

Approved by:



Dan O'Connell, Chemistry Lab Manager New Ulm, MN



Jesse L. Portner, Microbiology Lab Manager New Ulm, MN