



# MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 North Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
 2 North German St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
 2616 East Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
 1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
 www.mvtl.com



## CERTIFICATE OF ANALYSIS

PROTEIN FACTORY  
 644 CROSS STREET #6  
 LAKEWOOD NJ 08701

Page: 1 of 2  
 Report Date: 20 Jan 2016  
 Work Order #: 38214  
 Account #: 032344  
 PO #: 8291  
 Date Received: 15 Dec 2015  
 Sampled by: MC  
 Project Name: LEUCINE PEPTIDES  
 Temperature at Receipt: AMBIENT

	As Received Result		Method Reference	Date Analyzed
<b>15-M196479</b>	<b>PEPFORM LEUCINE PEPTIDES 2255 POWDER</b>			
Ash	3.66	%	AOAC 923.03	16 Dec 15
Fat, Acid Hydrolysis	0.38	%	AOAC 16th Ed.	16 Dec 15
Moisture, Vacuum Oven	2.36	%	AOAC 927.05	17 Dec 15
	100 deg/5 hrs vac			
Aerobic Plate Count	60	CFU/gram	BAM 8th Ed	15 Dec 15
Coliform Count	< 10	CFU/gram	BAM Ch 4	15 Dec 15
Escherichia coli	< 10	CFU/gram	BAM Ch 4	15 Dec 15
Staphylococcus aureus	< 10	CFU/gram	BAM 8th Ed	15 Dec 15
Mold Count	< 10	CFU/gram	BAM 8th Ed	15 Dec 15
Yeast Count	< 10	CFU/gram	BAM 8th Ed	15 Dec 15
Salmonella (VIDAS)	Negative		BAM Ch 5/AOAC 2011.03	15 Dec 15
Weight for Salmonella	100	grams		15 Dec 15
Total Calories, Calculated	377.82	Kcal/100g	21 CFR 101.9	17 Dec 15
Carbohydrate	18.79	%	Calculated	17 Dec 15
Sodium	0.33	%	AOAC 985.01	18 Dec 15
Protein N x 6.25	74.81	%	AOAC 988.05	17 Dec 15
Cysteine	1.180	%	AOAC 994.12	17 Jan 16
Methionine	0.8370	%	AOAC 994.12	17 Jan 16
Lysine	4.891	%	AOAC 994.12	17 Jan 16
Alanine	2.461	%	AOAC 994.12	17 Jan 16
Arginine	0.9410	%	AOAC 994.12	17 Jan 16
Aspartic Acid	5.936	%	AOAC 994.12	17 Jan 16
Glutamic Acid	8.870	%	AOAC 994.12	17 Jan 16



# MINNESOTA VALLEY TESTING LABORATORIES, INC.

1126 North Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
 2 North German St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890  
 2616 East Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724  
 1201 Lincoln Hwy. ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885  
 www.mvttl.com



## CERTIFICATE OF ANALYSIS

MELISSA CHRISTOPHER  
 PROTEIN FACTORY  
 644 CROSS STREET #6  
 LAKEWOOD NJ 08701

Page: 2 of 2

Report Date: 20 Jan 2016  
 Work Order #: 38214  
 Account #: 032344  
 PO #: 8291  
 Date Received: 15 Dec 2015  
 Sampled by: MC  
 Project Name: AJES PHARMACEUTICALS  
 Temperature at Receipt: AMBIENT

	As Received Result		Method Reference	Date Analyzed
(continued for sample 15-M196479)				
Glycine	0.8030	%	AOAC 994.12	17 Jan 16
Isoleucine	2.894	%	AOAC 994.12	17 Jan 16
Leucine	44.57	%	AOAC 994.12	17 Jan 16
Serine	2.319	%	AOAC 994.12	17 Jan 16
Threonine	3.542	%	AOAC 994.12	17 Jan 16
Valine	2.825	%	AOAC 994.12	17 Jan 16
Histidine	0.8090	%	AOAC 994.12	17 Jan 16
Phenylalanine	1.416	%	AOAC 994.12	17 Jan 16
Tyrosine	1.288	%	AOAC 994.12	17 Jan 16
Taurine	< 0.01	%	AOAC 994.12	17 Jan 16
Tryptophan	1.059	%	MVTL R&D	17 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