

# MINNESOTA VALLEY TESTING LABORATORIES, INC.

# MVTL

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MEMBER  
ACIL

## CERTIFICATE OF ANALYSIS

PROTEIN FACTORY  
644 CROSS STREET #6  
LAKEWOOD NJ 08701

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Report Date: 17 May 2016  
Work Order #: 15546  
Account #: 032344  
PO #: 8453  
Date Received: 11 May 2016  
Sampled by: MC  
Project Name: BCAA  
Temperature at Receipt: AMBIENT

|                            | As Received Result |                           | Method Reference      | Date Analyzed |
|----------------------------|--------------------|---------------------------|-----------------------|---------------|
| <b>16-M72505</b>           | <b>31603049</b>    | <b>ADVANCED BCAA 2163</b> |                       |               |
| Ash                        | 3.63               | %                         | AOAC 923.03           | 12 May 16     |
| Fat, Mojonnier             | 0.28               | %                         | AOAC 989.05           | 11 May 16     |
| Moisture, Vacuum Oven      | 2.32               | %                         | AOAC 927.05           | 11 May 16     |
|                            | 100 deg/5 hrs vac  |                           |                       |               |
| Aerobic Plate Count        | 50                 | CFU/gram                  | BAM 8th Ed            | 11 May 16     |
| Coliform Count             | < 10               | CFU/gram                  | BAM Ch 4              | 11 May 16     |
| Escherichia coli           | < 10               | CFU/gram                  | BAM Ch 4              | 11 May 16     |
| Staphylococcus aureus      | < 10               | CFU/gram                  | BAM 8th Ed            | 11 May 16     |
| Mold Count                 | < 10               | CFU/gram                  | BAM 8th Ed            | 11 May 16     |
| Yeast Count                | < 10               | CFU/gram                  | BAM 8th Ed            | 11 May 16     |
| Salmonella (VIDAS)         | Negative           |                           | BAM Ch 5/AOAC 2011.03 | 11 May 16     |
| Weight for Salmonella      | 25                 | grams                     |                       | 11 May 16     |
| Total Calories, Calculated | 377.60             | Kcal/100g                 | 21 CFR 101.9          | 16 May 16     |
| Carbohydrate               | 16.16              | %                         | Calculated            | 16 May 16     |
| Protein - Kjeld N x 6.38   | 77.61              | %                         | AOAC 988.05           | 16 May 16     |

CFU = Colony Forming Units

Approved by:



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



Mike Smoley, Microbiology Lab Manager New Ulm, MN