

MINNESOTA VALLEY TESTING LABORATORIES, INC.

MVTL

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MEMBER
ACIL

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Report Date: 30 Jul 2019

Lab Number: 19-F11355

Work Order #: 17-5709

Account #: 016094

PO #: CREDIT CARD

SHERRIE GRIMES
KEYS MANUFACTURING CO INC
13338 N 1900TH ST
PARIS IL 61944

Date Received: 28 Jun 2019

Date Sampled: 24 Jun 2019

Sample Description: 6-24-19
Product Name: PRO88 CHEESE POWDER

ANALYTE	AS RECEIVED	METHOD	DATE ANALYZED
Moisture	5.60 %	NFTA 2.2.2.5	2 Jul 2019
Alanine	1.887 %	AOAC 994.12	17 Jul 2019
Arginine	2.376 %	AOAC 994.12	17 Jul 2019
Ash	6.67 %	AOAC 942.05	3 Jul 2019
Aspartic Acid	4.143 %	AOAC 994.12	17 Jul 2019
Calcium	0.86 %	AOAC 985.01	3 Jul 2019
Cysteine	0.4670 %	AOAC 994.12	17 Jul 2019
Fat, Ethyl Ether	20.56 %	AOAC 2003.05	5 Jul 2019
Fiber, Crude	1.92 %	AOAC 978.10	3 Jul 2019
Glutamic Acid	8.116 %	AOAC 994.12	17 Jul 2019
Glycine	1.404 %	AOAC 994.12	17 Jul 2019
Histidine	1.154 %	AOAC 994.12	17 Jul 2019
Isoleucine	2.120 %	AOAC 994.12	17 Jul 2019
Leucine	3.664 %	AOAC 994.12	17 Jul 2019
Lysine	3.124 %	AOAC 994.12	17 Jul 2019
Metabolizable Energy (ME)	4.45 Kcal/g		30 Jul 2019
Methionine	0.8060 %	AOAC 994.12	17 Jul 2019
Phenylalanine	2.197 %	AOAC 994.12	17 Jul 2019
Phosphorus	0.7859 %	AOAC 985.01	3 Jul 2019
Potassium	1.35 %	AOAC 985.01	3 Jul 2019
Protein N x 6.25	43.10 %	AOAC 990.03	2 Jul 2019
Serine	2.140 %	AOAC 994.12	17 Jul 2019
Sodium	0.64 %	AOAC 985.01	3 Jul 2019
Taurine	< 0.01 %	AOAC 994.12	17 Jul 2019
Threonine	1.727 %	AOAC 994.12	17 Jul 2019
Tryptophan	0.5660 %	MVTL R&D	17 Jul 2019
Tyrosine	1.872 %	AOAC 994.12	17 Jul 2019
Valine	2.488 %	AOAC 994.12	17 Jul 2019

Approved by:



David Smahel, Feed Lab Manager New Ulm, MN