



# Berkshire

Dairy and Food Products, Inc.

## 80% Whey Protein Concentrate

### Typical Analytical & Nutritional Profile (\*)

(\*) Results are based on limited testing and should be within expected manufacturing ranges.

### Typical Analytical & Nutritional Profile

<u>Typical Analytical</u>	<u>%</u>	<u>Typical Microbiological</u>	<u>per g</u>
Protein, dry basis	81.0	Standard plate count	<500
Protein, as is	77.5	Coliform	<10
Fat	5.5	Yeast	<10
Unsaturated fat	2.9	Mold	<10
Saturated fat	2.6		
Transfat	0.002		
<u>Glycomacropeptide</u>	16.0		
Alpha lactalbumin	19.0 %		
Beta lactalbumin	48.0 %		
Salmonella (in 25 g)	Negative		
Ash	<3.0	pH (10% solution)	6.3
Moisture	5.3	Cholesterol (mg/100g)	150
Carbohydrate, total	<10.0		
Calories per 100 g	406		
<u>Typical Mineral Profile</u>	<u>%</u>	<u>Typical Vitamin Profile</u>	<u>per 100g</u>
Sodium	0.60	Vitamin A (IU)	200
Potassium	0.35	Vitamin C (mg)	<0.5
Calcium	0.63	Thiamin (mg)	0.3
Iron (ppm)	<10	Riboflavin (mg)	1.2
Phosphorus	0.38	Niacin (mg)	4.3
Magnesium	0.06	Vitamin B6 (mg)	0.1
Zinc (ppm)	<20	Vitamin B12 (mcg)	10
Heavy metals (ppm)	<10	Pantothenic acid (mg)	4.8
Folacin (mg)	0.16		
<u>Typical Amino Acid Profile</u>	<u>g/100 g protein</u>		<u>g/100 g protein</u>
Alanine	4.8	Lysine	9.2
Arginine	2.3	Methionine	1.8
Aspartic acid	10.5	Phenylalanine	3.2
Cystine	1.2	Proline	6.3
Glutamic acid	18.0	Serine	5.2
Glycine	2.2	Threonine	6.4
Histidine	1.7	Tryptophan	2.1
Isoleucine	6.4	Tyrosine	2.4
Leucine	10.4	Valine	5.9
<u>Density</u>	31.85 lbs/ft <sup>3</sup>		

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