



DAVISCO
FOODS INTERNATIONAL, INC.*

BioZate® 7

Product Description

BioZate 7 is highly purified whey protein that is hydrolyzed under controlled conditions to obtain unique functional and nutritional properties. It is ideal for food and nutrition products where high quality protein with clean flavor and soft textures are preferred.

<u>Analysis*</u>	<u>Specification</u>	<u>Typical Range</u>	<u>Test Method</u>
Moisture (%)	5.5 max.	5.0 ± 0.5	Vacuum Oven AOAC 927.05
Protein, dry basis (N x 6.38) (%)	94.0 min.	95.0 ± 0.7	Leco Combustion AOAC 990.03
Amino Nitrogen (AN) (%)	2.0 min.	2.3 ± 0.2	OPA Method
AN/TN (%)	13.8 min.	16.5 ± 1.0	Calculated
Degree of Hydrolysis (%)	9.0 min.	12.0 ± 2.0	OPA Method
Fat (%)	1.0 max.	0.5 ± 0.3	Mojonnier AOAC 989.05
Ash (%)	5.0 max.	3.0 ± 0.5	Residue on Ignition AOAC 930.30
Lactose (%)	1.0 max.	<1.0	By difference AOAC 986.25
pH	6.0 – 7.0	6.5 ± 0.3	10% Sol. @ 20°C. AOAC 945.27
Scorched Particles	15.0 mg/25 g max.	7.5 mg	ADPI, AOAC 952.21

<u>Microbiological Profile</u>	<u>Specification</u>	<u>Typical Range</u>	<u>Test Method</u>
Aerobic Plate Count	<10,000/g	<2,500	FDA/BAM, AOAC 966.23
Coliform (MPN)	<10/g	<10	FDA/BAM, AOAC 966.23
<i>E. coli</i> (MPN)	Negative/g	Negative	FDA/BAM, AOAC 966.23
Yeast & Mold	10/g max.	≤10	FDA/BAM
Coag. Pos. Staph (MPN)	<10/g	<10	FDA/BAM, AOAC 966.23
Salmonella sp.	Negative/1500 g	Negative	FDA/BAM, ELISA AOAC 2004.03
Listeria sp.	Negative/25 g	Negative	FDA/BAM, AOAC 999.06

* All results reported on “AS IS” basis except where noted.

** Standard Methods for the Examination of Dairy Products, 16th Edition.

Storage and Packaging

Dried dairy products can absorb odors and moisture. Therefore, adequate protection is essential. Shelf life is 2 years from the manufacture date. Shelf life will be enhanced through ideal storage conditions which include temperatures below 25°C., relative humidity below 65%, and an odor free environment. Avoid less than ideal storage conditions.

Packaged in Kraft multiwall bags, incorporating a polyethylene bag liner, individually closed.

Net wt.: 33 lb. Bag

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