



DAVISCO
FOODS INTERNATIONAL, INC.*

BioZate® 3

Product Description

BioZate 3 is highly purified whey protein that is hydrolyzed under controlled conditions to obtain unique functional and nutritional properties.

<u>Analysis*</u>	<u>Specification</u>	<u>Typical Range</u>	<u>Test Method</u>
Moisture (%)	5.5 max.	4.6 ± 0.5	Vacuum Oven AOAC 927.05
Protein, dry basis (N x 6.38) (%)	94.0 min.	94.9 ± 0.8	Leco Combustion AOAC 990.03
Amino Nitrogen (AN) (%)	2.0 min.	2.2 ± 0.2	OPA Method
AN/TN (%)	14.0 min.	15.1 ± 1.0	Calculated
Degree of Hydrolysis (%)	7.5 min.	10.0 ± 1.2	OPA Method
Fat (%)	1.0 max.	0.5 ± 0.3	Mojonnier AOAC 989.05
Ash (%)	5.0 max.	4.6 ± 0.4	Residue on Ignition AOAC 930.30
Lactose (%)	1.0 max.	<1.0	By difference AOAC 986.25
pH	7.5 max.	7.3 ± 0.2	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

Contact your Sales Representative for additional packaging options.

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