

ALANATE 385

INSTANTISED CALCIUM CASEINATE

DESCRIPTION

ALANATE 385 is a spray dried, instantised and agglomerated milk protein, manufactured directly from fresh skim milk. The enhanced dispersibility of this ingredient makes it particularly suitable for use in dry-mix nutritional beverages.

USES AND BENEFITS

ALANATE 385 is high in calcium and low in sodium. It is easily dispersed in water and forms a stable colloidal suspension with high opacity. It is a valuable ingredient in diet formulations, sports drinks, nutritional dietary supplements and protein bars.

COMPOSITIONAL ANALYSIS

Protein (Nx6.38)	dry basis	96.5 %
	as is	92.4 %
Lactose		0.1 %
Fat		1.3 %
Moisture		4.3 %
Ash		4.0 %
Sodium		<5 mg / 100 g
Calcium		1400 mg / 100 g
Potassium		3.8 mg / 100 g

MICROBIOLOGICAL ANALYSIS

Aerobic plate count	<5 000 in 1 g
Coliforms	Negative in 1 g
Yeasts and moulds	<50 in 1 g

Values given are averages for the product. Because milk is a natural product, variations may occur. **ALANATE** is a registered

Coag.pos.staph.aureus	Negative in 1 g
Salmonella	Negative in 750 g
Listeria sp.	Negative in 25 g

PHYSICAL PROPERTIES

Colour	White to cream
Flavour and odour	Bland and clean
pH (5% solution, 20°C)	7.0
Scorched particles (50g)	Disc A

PACKAGING

ALANATE 385 is packed in plastic lined multiwall bags. Staples or metallic fasteners are not used.

Net Weight	20.0 kg
Gross Weight	20.4 kg

STORAGE AND HANDLING

Stocks should be kept in a cool, dry, ventilated place. Temperatures below 25°C, relative humidity below 65% and an odour free environment will extend storage life. Stocks should be used in rotation within 24 months of delivery from NZMP.

QUALITY ASSURANCE

The product is manufactured in accordance with international standards and guidelines

Fonterra(Italy) SpA
Via Cavalieri V. Veneto, 2
23870 Cernusco Lombardone (Lc)
Tel. +39 039 587351 Fax. +39 039 587612

approved and monitored by the New Zealand Ministry of Agriculture. Each package is marked to enable traceback.

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