

# TECHNICAL DATA SHEET VITALARMOR Ca M10

## Description

Milk minerals concentrate naturally rich in calcium.

## Suggested applications

VITALARMOR Ca M10 is recommended for nutritional reformulation, specifically the calcium fortification in dairy products (yoghurts, drinking yoghurts, cheeses), biscuits and ice creams.

## Analytical specifications

Physical and Chemical	Guarantee	Typical	Method
Moisture (%)	6 max	4.5	NF ISO 5550
pH (10%)	6.5 - 7.5	7.1	
Scorched particles	B max	A	ADMI
Proteins (Nx6,38) (%)	6 max	2	FIL 20 / ISO 8968 (Kjeldahl)
Fat (%)		< 1	AFNOR Chimie II 3B 1986
Ashes (%) whose :		76	ISO 5545
Calcium (%)		27	ISO 8070 - FIL 119 (Spectro AA)
Sodium (%)		0.7	ISO 8070 - FIL 119 (Spectro AA)
Potassium (%)		0.15	ISO 8070 - FIL 119 (Spectro AA)
Magnesium (%)		1	ISO 8070 - FIL 119 (Spectro AA)
Chlorides (%)		0.3	
Phosphorus (%)		14,5	
Lactose (%)		8	
Energy (Kcal/100g)		40	By calculation
Microbiological			
Standard plate count 30°C	≤ 10 000 CFU / g	< 100 CFU / g	PCA Milk (NF EN ISO 4833)
Enterobacteriaceae	≤ 10 CFU / g	< 1 CFU / g	VRB6 (NF ISO 21528-1)
Yeast and moulds	≤ 100 CFU / g	< 10 CFU / g	CGA or petrifilm (ISO 21527 - 2)
<i>Salmonella</i>	Neg / 125g		VIDAS
<i>Staphylococcus coagulase +</i>	Neg / 0.1 g		ISO 6888 - 3
<i>Listeria</i>	Neg / 25 g		VIDAS

## Packaging

20 kg multiwall paper bag with polythen liner on 115 x 115 - 800 kg pallet.

## Storage and shelflife

To be stored indoors in a cool (about 20°C) and dry place (RHE < 70%), for 24 months preservation from date of manufacture in original unopened bag.

## Labelling

« Milk minerals ».

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## Typical nutritional values

<b>Proteins (N x 6.38)</b> <i>g/100g DM</i>	2.4
<b>Proteins (N x 6.38)</b> <i>g/100g powder</i>	2
<b>Total carbohydrates</b> <i>g/100g powder</i>	8
<b>Digestible carbohydrates</b> <i>g/100g powder</i>	8
<b>Sugars (lactose)</b> <i>g/100g powder</i>	8

<b>Fat</b> <i>g/100g powder</i>	< 1
<b>Saturated fatty acids</b> <i>g/100g powder</i>	-
<b>Trans fatty acids</b> <i>g/100g powder</i>	-
<b>Cholesterol</b> <i>g/100g powder</i>	-

<b>Dietary fibers</b> <i>g/100g powder</i>	0
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<b>Minerals</b> <i>g/100g powder</i>	76
<b>Na</b> <i>mg/100g powder</i>	660
<b>Ca</b> <i>mg/100g powder</i>	27 000
<b>Fe</b> <i>mg/100g powder</i>	6.4
<b>P</b> <i>mg/100g powder</i>	14 520
<b>K</b> <i>mg/100g powder</i>	150
<b>Mg</b> <i>mg/100g powder</i>	1 050
<b>Cl</b> <i>mg/100g powder</i>	290

**Energy : 40**

*(kcal/100g powder)*

**Energy from fat : 6**

*(kcal/100g powder)*

**Granulometry : 90% < 10 $\mu$ m**

## Allergens

Allergen list	Contains :	Possible cross contaminations :	Substance's nature and derived products
	Yes / No	Yes / No	
Peanuts and products thereof	NO	NO	
Shellfishes and products thereof	NO	NO	
Fishes and products thereof	NO	NO	
Eggs and products thereof	NO	NO	
Nuts and products thereof	NO	NO	
Milk and products thereof	YES	NO	Milk proteins, lactose
Soybeans and products thereof	NO	YES	Lecithin
Cereals containing gluten	NO	NO	
Sulphur dioxide and sulphites at concentrations of more than 10 mg per kg / liter	NO	NO	
Celery and products thereof	NO	NO	
Sesame seeds and products thereof	NO	NO	
Mustard and products thereof	NO	NO	
Lupins and products thereof	NO	NO	
Molluscs and products thereof	NO	NO	

Product is manufactured in a plant certified ISO 9001 and ISO 22000. It respects current European rules on milk and dairy products for undesirable substances (heavy metals, radioactivity, M1 aflatoxin, pesticides, dioxins). It does not contain G.M.O., according to the European regulation and is not subjected to ionization treatment.

Contractual specifications : please contact us.

It is buyer's responsibility to comply with regulations in their own countries and rights of third parties.