

PROTILIGHT

Description

Calcium caseinate, with lecithin, instantanised

PROTILIGHT has the advantages of the excellent nutritional value of milk proteins and a very good dispersibility in aqueous media.

It also presents interesting film building properties.

Suggested applications

DIETETICS (infant, hospital, adults)

VIENNESE BREADS (glazing)

Physical characteristics

Aspect	Granulated powder
Color	Cream
Taste	Typical
Scorched particles ADMI	A - B
pH	6,8 - 7,2
Gravimetric solubility	95 % min

Chemical analysis

Typical value

Proteins (TNx6,38)	88 % min	95 % on dry
Moisture	6 % max	
Total Fat	2 % max	1 %
Ash	5 % max	
Lactose	0,5 % max	
Lecithin	0,5 % max	
Calcium		1,35%

Ingredients : Calcium caseinate (99,5 %), (IP) Soja lecithin (E 322) (0,5 %)

Microbiological analysis

Standard plate count	10 000 /g max	5 000 /g max
Enterobacteriaceae	< 10/g	
Yeasts + Moulds	100 /g max	
Coagulase Positive Staphylococci	Negative /0,1 g	
Salmonella	Negative /125 g	

Packaging

15 kg multiwall paper bags with polyethylen liner

Storage

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

TYPICAL NUTRITIONNAL COMPOSITION
for 100g powder

PROTEINS	(N x 6,38)	92
GLUCIDS		0,4
LIPIDS		0,6 (cholesterol : 30 mg / 100g max)
Energy		375 kcal

TYPICAL AMINO ACIDS PROFILE
g for 100g protein

Branched Chain Amino Acids

ILE	5,3
LEU	9,5
VAL	6,7
Total	<u>21,5</u>

Essential amino acid

LYS	7,7
THR	4,1
TRP	1,3
MET	3,0
CYS	0,3
PHE	4,9
TYR	5,5
BCAA	21,5
Total	<u>48,3</u>

Others

ALA	2,5
ARG	3,3
ASP	6,0
GLU	20,8
GLY	1,5
HIS	2,5
PRO	10,5
SER	4,6
Total	<u>51,7</u>

TYPICAL VITAMIN CONTENT

VITAMINE A	0,2 mg/kg
VITAMINE B1	< 0,1 mg/kg
VITAMINE B2	< 2 mg/kg
VITAMINE B3	2 mg/kg
VITAMINE B5	< 5 mg/kg
VITAMINE B6	4,3 mg/kg
VITAMINE B8	0,2 mg/kg
VITAMINE B9	< 0,05 mg/kg
VITAMINE B12	6 µg/kg
VITAMINE C	25 mg/kg
VITAMINE D	0,3 mg/kg