

AnPro®

TECHNICAL DATA SHEET

DESCRIPTION: AnPro® is an excellent protein source extracted from Baker's yeast (*S.Cerevisiae*), with a high protein content of more than 70%. With all the essential amino acids for human body and as a new source of non-animal protein, AnPro® is a unique substitute of animal protein and soy protein, and it is a true game-changer for the current protein market which is driven by dairy and plant.

INGREDIENT STATEMENT:

Non-GMO product;
 Non-Animal Product;
 Gluten Free, Soy Free, Dairy Free Product;
 Non-allergy

PHYSICO- CHEMICAL CHARACTERISTIC:

Bulk Density	0.4-0.6 g/mL
pH (2% solution)	5.0 - 7.5
Color	Light yellow
Aroma & flavor	Characteristic

FEATURES:

- Complete protein containing all-9 EAA
- EAA index & AAS are similar to dairy proteins and much higher than all plant-based proteins
- High digestibility score
- High content of BCAA
- Eco-friendly & Sustainably

Product Specification (Main):

Item	Specification
Appearance	Light yellow powder
Odor	Typical smell of the product
Protein,%	≥70
Moisture, %	≤ 8.0
Ash, %	≤ 5.0

APPLICATIONS:

1. Compatible with most dietary preferences: vegan, vegetarian & flexitarian-friendly, gluten, dairy and soy-free

2. As a healthy alternative source of protein for consumers looking at enhancing their protein intake. It can be incorporated to common food and beverages, or sprinkled on your meals.

3. Smoothies, breakfast cereals, bakery products and weight management products.

NUTRIENT CONTENT (Typical data)

Per 100g product

Protein(g)	72
Carbohydrate(g)	18
- Fiber	15
Sugar (g)	0
Fat (g)	4
- Saturated fat(g)	/
- Trans fat(g)	0
Sodium(mg)	320
Energy(kJ)	1678
(fat*37+carbohydrate*17+protein*17)	
Energy(kcal)(kJ/4.18)	401.4

Amino Acids(AA) Content

	AA	FAO/WHOModel	AnPro® (mg/g)	AAS
Essential AA	Ile	40	57.44	143.60
	Leu	70	92.20	131.71
	Lys	50	94.83	189.66
	Met		23.68	
	Cys	35	11.19	99.63
	Phe		53.58	
	Tyr	60	45.24	164.70
	Thr	40	54.59	136.48
	Trp	10	10.43	104.30
	Val	50	51.13	102.26
Non-essential AA	Asp		109.18	
	Arg		58.03	
	Ser		51.52	
	Glu		113.1	
	Gly		45.09	
	Ala		60.28	
	His		25.99	
	Pro		29.46	
Total AA			986.96	

PRODUCT STATEMENT:

Non-GMO	Organic (Ecocert)
"Vegan" diets	HALAL
BSE/TSE Free	KOSHER
Non-Irradiation	Gluten Free
NON-PESTICIDES	Residual Solvents Free
NON-DIOXINS	NON-MELAMINE
NON-AFLATOXIN	NON-ALLERGEN according to EU 1169/2011
NON-SILICA GEL BAGS	Preservatives Free
NON-SULFITE	NON-PAH (Polycyclic Aromatic Hydrocarbons)
Non-animal	Suitable for vegans, vegetarians and flexitarian
Soy-free	Dairy-free, lactose-free
Clean-label	Without pesticides, antibiotics & hormones

INGREDIENTS LIST & BREAKDOWN:

AnPro®: 100% Yeast Protein (extracted from *Saccharomyces cerevisiae*)

Protein, %	71
Yeast beta glucan,%	13
Mannan,%	5
Moisture,%	5
Fat,%	3
Ash, %	3

ISO / Third Party Audit:

ISO: ISO9001; ISO14001; ISO22000; OHSAS18001;

Third Party Audit: BRC

Laboratory Accreditation – CNAS;

LOT CODING:

Example: 2018032201

20180312=YYYYMMDD packaging began, 01= first batch produced that day

PACKAGING:

25kg/bag, Outside packing: bag; Inside packing: PE bag

CUSTOMS CODE:

2102 20 0000

CAS NO.:

68876-77-7

SHELF LIFE and STORAGE:

24 months, to be stored in a cool and dry place.

Note:

Specification, COA, MSDS, Flow Chart and more documents are available if required.