

Wellmonk® ChickPro™ 70

CHICKPEA PROTEIN CONCENTRATE

PRODUCT CODE: WM-CP70-001

The Indian Protein Advantage
Naturally Powerful. Scientifically Functional.



PRODUCT OVERVIEW

Wellmonk® ChickPro™ 70 is a premium chickpea protein concentrate developed for high-performance food applications. Manufactured from carefully selected chickpeas using advanced protein concentration technology, it delivers excellent functional performance, clean taste and superior nutritional value for modern food formulations.



CLEAN
TASTE



CREAMY
MOUTHFEEL



NEUTRAL
ODOUR



PLANT
BASED



GLUTEN
FREE



NON
GMO



VEGAN

KEY BENEFITS

- ✓ High quality 70% protein (dry basis)
- ✓ Excellent functional performance
- ✓ Good solubility and digestibility
- ✓ Versatile for sweet, savoury & nutrition applications
- ✓ Clean label, natural and allergen-free
- ✓ Supports healthy & balanced diets

APPLICATIONS



INDIAN SWEETS

- Besan Ladoo
- Motichoor Ladoo
- Besan Burfi
- Mysore Pak
- Protein Barfi



SAVOURY & SNACKS

- Bhujia
- Sev
- Murukku
- Chakli
- Pakoda
- Dhokla
- Cheela



EXTRUSION APPLICATIONS

- Protein Crisps
- Protein Rings
- Protein Balls
- Protein Pellets
- Breakfast Cereals
- Protein Puffs



BAKERY & BISCUITS

- Cookies
- Protein Biscuits
- Bread
- Cakes
- Premixes



NUTRITION & HEALTH

- Protein Powders
- Protein Bars
- Meal Replacement
- Healthy Snacks
- Nutrition Blends

TECHNICAL SPECIFICATIONS

Parameter	Specification	Test Method
Appearance	Creamish crystalline powder, hygroscopic	Visual
Crude Protein (N x 6.25) on Dry Basis	NLT 70%	AOAC 920.87
Moisture	NMT 8.0%	AOAC 925.10
Fat	NMT 20.0%	AOAC 989.05
Ash Content	NMT 7.0%	AOAC 942.05
Carbohydrates	NMT 5.0%	AOAC/FSSAI 2016
pH (10% solution)	7.0 – 9.0	AOAC/FSSAI 2016
Bulk Density (BD)	0.15 – 0.25 g/ml	ISO 11648-3:2001

FUNCTIONAL PROPERTIES (at pH 7)

Functionality	How to Read	Benchmark Chickpea Protein	Wellmonk® ChickPro™ 70	Benchmark Comparison
Solubility	Higher is better	28-33%	32%	Comparable to higher than market
Oil Holding Capacity	Higher is better	1.6 ± 0.2 g/g	2.3 g/g	Far superior to any other plant protein in the market
Foaming Capacity	Higher is better	110 ± 15 ml	114 ml	Far superior to any other plant protein in the market. Lower foam stability helps production lines
Water Holding Capacity	Higher is better	1.7 ± 0.9 g/g	2.7 g/g	Superior moisture retention
Least Gelling Concentration	Lower is better	16 ± 2% protein	6%	Excellent gelation property compared to most other plant protein in the market

NUTRITIONAL INFORMATION (Per 100 g)

Nutrient	Amount	Unit	Nutrient	Amount	Unit
Energy	488.00	kcal	Calcium	78.60	mg
	2042.00	kJ	Potassium	1267.80	mg
Protein	70.00	g	Copper	1.80	mg
Fat	20.00	g	Zinc	3.70	mg
Carbohydrate	7.00	g	Manganese	1.80	mg
Sodium	15.20	mg	Selenium	144.00	µg
Iron	18.60	mg			
Magnesium	141.50	mg			

AMINO ACID PROFILE (g/100g Protein)

ESSENTIAL AMINO ACIDS (EAA)

Amino Acid	Amount
Isoleucine (BCAA)	4.40
Leucine (BCAA)	8.10
Valine (BCAA)	4.60
Histidine	2.60
Lysine	7.00
Methionine + Cysteine	2.90
Phenylalanine + Tyrosine	9.00
Threonine	3.63
Tryptophan	0.90

NON-ESSENTIAL AMINO ACIDS (Non-EAA)

Amino Acid	Amount
Proline	4.25
Glycine	4.00
Alanine	4.31
Arginine	9.14
HydroxyProline	0.00
Aspartic Acid	12.38
Serine	5.50
Glutamic Acid	17.42

TOTAL BCAA (Isoleucine, Leucine, Valine): 17.10 g/100g

TOTAL EAA (including BCAA): 43.13 g/100g

FATTY ACID COMPOSITION (% Relative)

Saturated Fatty Acid	19.1%
Monounsaturated Fatty Acid	29.8%
Polyunsaturated Fatty Acid	50.9%
Total Unsaturated Fatty Acid	80.7%
Omega-3 Fatty Acid	2.7%
Omega-6 Fatty Acid	48.2%
Omega-9 Fatty Acid	27.0%

ChickPro™ 70 delivers a heart-healthy lipid profile with over 80% unsaturated fats including Omega-3, -6 & -9 which support cardiovascular health, reduce inflammation and aid overall wellness.

MINERAL CONTENT & BENEFITS

Potassium (K)	1267.8 mg/100g
Sodium (Na)	15.2 mg/100g
Calcium (Ca)	78.6 mg/100g
Iron (Fe)	18.6 mg/100g
Magnesium (Mg)	141.5 mg/100g
Selenium (Se)	1.44 mg/kg
Manganese (Mn)	1.8 mg/100g

Naturally enriched with essential minerals that support overall health and wellness. Low sodium content makes it ideal for heart-conscious formulations.

REGULATORY & PROCESS COMPLIANCE

- ✓ GMO Free
- ✓ Allergens Present
- ✓ Gluten Free
- ✓ Solvent Free
- ✓ Enzymes Used
- ✓ Lactose Free
- ✓ Vegan

Meets strict EU standards for heavy metals, pesticides and impurities. Tested in accredited laboratories.

PACKAGING & STORAGE

Packaging Primary : LDPE Poly Bag
Secondary : Paper Bag

Available Pack Sizes

10 kg 25 kg

Storage Conditions

Store in a cool, dry and well-ventilated area. Avoid direct sunlight.

Shelf Life

24 months from the date of production under prescribed storage conditions.