

# Product Specification



Product Title               EMPRO SOYA CONCENTRATE 70% PROTEIN 20Kg SACK

Product Code               OC10012

OC10012    (EMPRO SOYA CONCENTRATE 20) is functional Soya Protein Concentrate, it has a superior fat emulsion and excellent water binding capacity in a variety of bowl cutting and tumbling technologies. It absorbs more than 5 times its weight in water and remains moisture in high fat formulation.

OC10012    (EMPRO SOYA CONCENTRATE 20) gives meat processors a superbly stable and economic system for binding meat, fat and water in a variety of bowl cutting and tumbling technologies.

OC10012    (EMPRO SOYA CONCENTRATE 20) is widely used for raw sausages, cooked sausages, patties, canned meat and other Non-meat vegetarian analogs.

**(The producer guarantees the functionality)**

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**Chemical Analysis**

Typical limits: %	
Protein(N*6.25)	68% - 70%
Moisture	8.0max
Ph	7.0+/-0.5
Fat	1.0max
Ash	6.0max

**Physical Properties:**

Colour	Cream
Flavour	Bland
Particle	(100mesh) min 93%
Bulk density	400+/-50g

**Microbiology:**

Standard plate count	max. 30,000/g
E.Coli	negative/1g
Salmonella	negative/25g
Yeast & Moulds	max. 100/g

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**Amino acid composition:**

	g AA/ 100g protein		
Arginine	7.2	Leucine	8.0
Aspartic acid	11.5	Lysine	6.3
Glutamic acid	18.0	Methionine	1.2
Cystine	1.0	Phenylalanine	5.0
Glycine	4.5	Serine	5.0
Histidine	2.1	Threonine	4.0
Isoleucine	4.5	Tryptophan	1.2
		Tyrosine	3.5
		Valine	4.2

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## TYPICAL MINERALS:

g AA/  
100g product

Potassium	70-300	Arsenic (As)	1 ppm max
Calcium	55-150	Lead (Pb)	2 ppm max
Sodium	1100-1500	Mercury (Hg)	0.02mg (100g)
Phosphorus	800-1200	Cadmium (Cd)	1 ppm max
Iron	10-15	Zinc	3.5mg (100g)
Magnesium	20-100		

## Packaging & Storage :

OC10012 Empro Soya Concentrate 20 is packed in 20kg polylined paper bags and has a shelf-life of up to one year when stored in a cool dry place preferably below 25°C, at a humidity of 65% or less.

Customer Approval of Specification	
Please sign and return this specification to <a href="mailto:technical@scobie-junor.co.uk">technical@scobie-junor.co.uk</a> to confirm formal acceptance of this specification. All specifications issued will be deemed to be accepted if no communication to the contrary is received after 10 working days.	
Signature:	
Print name:	
Position:	
Date:	

Issued by Scobie & Junor (Estd. 1919) Ltd. Certified accurate on 05/04/2023 11:40:46

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