

Product

Whey protein isolate 90%; agglomerated and instantised with sunflower lecithin.

Description

Volactive UltraWhey 90 instant Sunflower is manufactured from sweet cheese whey using cross-flow membrane filtration. The resulting protein concentrate is spray-dried with concurrent agglomeration and instantised with sunflower lecithin (E322). This product provides an excellent source of natural protein for use in a variety of food and beverage applications in an easy mixing form.

Chemical properties	Typical	Min/Max	Test Reference
Protein % (Nx6.38, dry matter)*	93.0	91.0 min	NIR (cal. to Dumas)
Moisture %	4.5	5.5 max	NIR (cal. to moisture balance)
Ash %	2.0	3.0 max	NIR (cal. to oven, 550°C)
Lactose %	2.5	3.0 max	NIR (cal. to HPLC)
Fat %	0.2	0.8 max	NIR (cal. to Rose Gottlieb)
pH	6.2	5.8 min	pH meter (10% solution)

Physical properties	Typical	Test Reference
Appearance	White to cream, agglomerated powder	Subjective
Taste/Flavour	Clean taste, no off flavours	Subjective
Solubility Index, ml	≤0.50	Centrifuge (10% solution)
Scorched Particles	Disc A	ADPI, bulletin 916
Bulk density, g/mL	0.45	Tapped

Microbiological properties	Typical	Max	Test Reference
Total Viable Count, cfu/g	<5,000	10,000	ISO 4833-1:2013
Enterobacteriaceae, cfu/g	Not detected	10	ISO 21528-2:2004
Yeasts, cfu/g	Not detected	10	ISO 6611:2004
Moulds, cfu/g	Not detected	10	ISO 6611:2004
E. coli, /25g	Not detected	Not detected	ISO 16649-2:2001
Salmonella, /375g	Not detected	Not detected	ISO 6579-1:2017
Coagulase positive staphylococci, cfu/25g	Not detected	10	ISO 6888-1:1999

*Protein declaration

The protein declaration of a product is strongly linked to the product application, the industry and/or the legal labelling requirements, according to Regulation (EU) No 1169/2011 on the provision of food information to consumers. The table below provides the different ways that the protein content of Volactive UltraWhey 90 instant Sunflower can be declared.

	Typical	Min
Nx6.38; dry matter basis	93.0	91.0
Nx6.38; as is basis	88.8	86.0
Nx6.25; dry matter basis	91.1	89.1
Nx6.25; as is basis	87.0	84.2

Intended use

Volactive UltraWhey 90 instant Sunflower is intended for use in products for the general population and has not undergone a food safety risk assessment to determine its suitability for use in products designed for vulnerable or sensitive groups within the population.

Packaging

Available in 20kg net weight bags made from fully strippable food grade packaging that complies with Regulation (EC) No. 1935/2004 on materials and articles intended to come into contact with food. The product is contained within an inner heat-sealed, polyethylene liner with an outer multi-wall paper sack.

Shelf life and storage

Eighteen months from date of manufacture when stored in the original packaging in a cool dry place; away from strong flavours or odours and any aromatic materials.

Tariff code

3502 2091

For further information contact

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