



Camstar Herbs Ltd.

Chestnuts Farm, Eye, Suffolk, IP23 7HL.

Ph: +44 (0) 1379 870669, Fax: +44 (0) 1379 870683, Email: technical@camstar.co.uk

Web: www.camstar.co.uk

Company Registration No: 1413300 (Registered in England & Wales)

PRODUCT SPECIFICATION **MILK THISTLE SEEDS - NATURAL**

1) Physical Standards

Product Code:	CP332MTS
Product Description:	Milk Thistle Seeds which have not undergone fumigation, sterilisation or irradiation treatment
Botanical Name:	<i>Silybum marianum</i>
Country of Origin:	Eastern Europe
Pack size:	20 or 25kg
Macroscopy:	The achene is compressed, elongate-ovate, 6-7mm long, about 3mm broad and 1.5mm thick; the outer surface is smooth and shiny with a grey or pale brown colour. The fruit is tapering at the base and crowned at the apex with a glistering, pale yellow extension forming a collar about 1mm high surrounding the remains of the style. Cut longitudinally, the fruit shows 2 dense, white oily cotyledons and a small embryo.
Microscopy:	The brownish-yellow powder shows; fragments of the exocarp composed of polygonal cells; Parenchymatous cells from the pigment layer, some of them containing colouring matter which appears bright red; sclereids with bright yellow walls, occasionally fragments of parenchyma with pitted and beaded walls; Parenchymatous cells from the cotyledons containing oil globules and cluster crystals of calcium oxalate; a few prismatic crystals of calcium oxalate.
Foreign Material:	<2% by weight

2) Chemical Standards

Test	Units	Specification
Moisture	%	<8.0
Ash	%	<8.0



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3) Packaging Information

Item	Material/Description	Dimensions
Tertiary Packaging	Wooden Pallet	1200mm x 1000mm
Outer Packaging	Multi walled paper sack	Not specified
Label Information	Product Name, Lot Number, Net Weight & BBE Date	
Food Contact Packaging complies with current legislation		Yes

4) Storage and Shelf Life Information

Recommended Storage Conditions	Keep in dry cool conditions away from direct sunlight
Shelf Life from Manufacture	36 Months

5) GMO Statement

Camstar Herbs Ltd does not knowingly supply, use or handle any genetically modified ingredients or derivatives. Most of the products we handle are not implicated with regard to GMO's, and we take great care in sourcing ingredients to ensure that we maintain our GM free status.



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6) Allergen Information

Allergen Information	Does the product contain?		Present at Production Site		Shared Process Line		Cross Contamination Possible		Comment
	Yes	No	Yes	No	Yes	No	Yes	No	
Cereals containing gluten (i.e. Wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof		No		No		No		No	
Crustaceans and products thereof		No		No		No		No	
Eggs and products thereof		No		No		No		No	
Fish and products thereof		No		No		No		No	
Peanuts and products thereof		No		No		No		No	
Soybeans and products thereof		No		No		No		No	
Milk and products thereof (including lactose)		No		No		No		No	
Nuts i.e. Almond, Hazelnut, Walnut, Cashew, Pecan, Brazil nut, Pistachio nut, Macadamia/Queensland nut and products thereof		No		No		No		No	
Celery and products thereof		No		No		No		No	
Mustard and products thereof		No		No		No		No	
Sesame seeds and products thereof		No		No		No		No	
Sulphur dioxide and sulphites (added) at concentrations of more than 10mg/kg or 10mg/litre expressed as SO ₂		No		No		No		No	
Lupin and products thereof		No		No		No		No	
Mollusc and products thereof		No		No		No		No	
Has any processing aids used in preparation of the product, either contains, or has been produced with the aid of any materials identified above (example: fish gelatine used as an agent in juice clarification)		No		No		No		No	
Has the product been subjected to any ionising irradiation		No		No		No		No	



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7) Intolerance Information

Intolerance Information	Does the product contain?		Present at Production Site?		Shared Line?		Cross Contamination Risk		Comment
	Yes	No	Yes	No	Yes	No	Yes	No	
If any answer is 'YES' please advise why, and what controls are in place									
Additives		No		No		No		No	
Animal products		No		No		No		No	
Antioxidants – added		No		No		No		No	
Aspartame		No		No		No		No	
Benzoates/benzoic acid		No		No		No		No	
BHA/BHT		No		No		No		No	
Caffeine		No		No		No		No	
Caramel		No		No		No		No	
Cholesterol		No		No		No		No	
Cocoa		No		No		No		No	
Coconut/oils		No		No		No		No	
Colours - added		No		No		No		No	
Corn or derivatives thereof		No		No		No		No	
Flavours – added		No		No		No		No	
Garlic		No		No		No		No	
Gelatine		No		No		No		No	
Glutamates – added		No		No		No		No	
Honey		No		No		No		No	
Hydrolysed vegetable protein/oil		No		No		No		No	
Hydrocarbons mineral		No		No		No		No	
Legumes – peas/beans		No		No		No		No	
Maize or derivative thereof		No		No		No		No	
Malt Extract		No		No		No		No	
Monosodium glutamate		No		No		No		No	
Palm Oil or derivatives thereof		No		No		No		No	
Polyols		No		No		No		No	
Preservatives – added		No		No		No		No	
Salt, added		No		No		No		No	
Seeds – cotton seed/poppy		No		No		No		No	
Seed oils		No		No		No		No	
Sugar, added		No		No		No		No	
Sweeteners - added		No		No		No		No	
Umbelliferae		No		No		No		No	
Yeast or derivatives thereof – added		No		No		No		No	



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8) Suitability Information

Suitable/Certified For	Suitable		Certified	
	Yes	No	Yes	No
Halaal	Yes			No
Kosher	Yes			No
Vegetarians (In particular, that gelatine is not used in processing)	Yes			
Ovo-lacto Vegetarians	Yes			
Vegans	Yes			
Coeliacs	Yes			
Diabetics	Yes			
Organic		No		No

9) Warranty

We warrant that we will use all reasonable endeavours to ensure that all foods, food products or packaging materials intended for food use supplied to you meet the requirements of Acts, Regulations and Orders applicable in the U.K. relating to the goods supplied, including but not necessarily limited to the following:

‘The Food Safety Act 1990’ and all relevant amendments and regulations.

‘The Food & Environment Protection Act 1985’ and all relevant amendments and regulations.

‘The Plastic Materials & Articles in Contact with Food Regulations 1992’ and all relevant amendments and regulations.

To comply with the recommendations of the Department for Environment, Food and Rural Affairs (DEFRA).

We undertake to carry out in relation to the food, food products, or packaging intended for food use supplied by us, such checks as a diligent supplier would reasonably carry out to ensure compliance with the Acts and Regulations mentioned and we agree to supply you, on demand, with the results of such checks in so far as they are relevant to indicating the lawful nature of the goods supplied by us to you



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10) Specification Agreement

Signed:	Name:	Please sign and return the signed page of this specification within 14 days of receipt. If we do not receive this page within 14 days we will deem this specification has been accepted.
Position:	Date:	
Customer Agreement		
Signed:	Name:	
Position:	Date:	

Contacts:

EDWARD STARKE	Managing Director	edward@camstar.co.uk
TRACEY CLARK	Sales Director	sales@camstar.co.uk
LINDA SCHUG	Technical Manager	technical@camstar.co.uk
JACK PICKERDEN	Quality & Technical Assistant	tech@camstar.co.uk

11) Document Revision

Issue No	Page	Revised Content	Revised Date	Revised By



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