

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Supplier information:	
Supplier name:	First Grade International Limited
Supplier address:	Coconut House, Tay Court, Isidore Road
	Bromsgrove Enterprise Park
	Bromsgrove
	Worcestershire
	B60 3FQ
Phone number:	01564 731980
Fax number:	01527 831904
Email address:	sales@fg-int.co.uk
Third party accreditation held:	BRC agents and brokers accredited (BRC site code: 6973442)
Manufacturer/ packer health mark (if applicable):	N/A
Manufacturer/ packer third party accreditation held:	IFS certified

Product information:	
Product description:	A UHT Soy-Based Drink Fortified with Calcium and Vitamin B2, B12 and D.
Ingredients declaration (as would appear on the product label):	Water, Hulled SOYA Beans (12%), Calcium Carbonate, Stabiliser; Gellan Gum, Sea Salt, Vitamins (B2, B12 and D).
Allergen advice:	Product contains SOYA
Product providence claims held:	No added sugar
	Added calcium
	Added Vitamins D/ B2 and B12
Country of manufacture:	Spain

Ingredient:	Compound Ingredients:	Function:	Supplier:	Country of origin:
Water	No	Ingredient	Approved supplier of Iparlat Group	Spain
Dehulled soya beans	No	Ingredient		EU (Mainly France)
Calcium carbonate	No	Calcium addition		EU (Mainly France)
Gellan gum	No	Stabiliser		China
Sea salt	No	Ingredient		EU (Mainly Spain)
Vitamin mix	Yes	Vitamin addition		EU (Spain, Germany)

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Organoleptic standards:		
Criteria:	Target:	Reject:
Appearance:	Light brown, slightly yellow and homogenous free flowing liquid. Dark brown when poured into instant coffee (if you add more it is lighter) and doesn't curdle. Lighter brown, free flowing and doesn't curdle when added to tea. Light brown/creamy white/yellow when blended with ice. Once steamed: Lighter in colour and more dense. Fully homogenous and foamy when added to coffee.	Dark brown or bright white. Doesn't foam. Isn't homogenous. Curdled.
Colour:	Light brown / creamy grey out of the carton. Dark brown when poured into instant coffee. Light brown when added to tea. Light brown/creamy white/grey when blended with ice. Once steamed: Creamy white/light brown	Dark brown or bright white.
Odour:	Bean like aroma.	Rancid notes.
Flavour:	Beany, typical soya taste. Noticeable as soya when used with coffee/tea/in smoothies but quite neutral.	No soya flavour. Not creamy. Rancid.
Texture:	Smooth, free flowing, creamy and homogenous. Foamy, soft and creamy when foamed.	Curdled. Very thin. Very thick

Product photographic standards:
Acceptable

Chemical standards:					
Criteria:	Target & Max	Method:	Number of samples:	Frequency:	Positive release (yes/no)
pH	7.1 – 7.7	Potentiometric	1 package (1l)	Every 2h	Yes
Density	1013-1019	Densimetry	1 package (1l)	Every 2h	No
Dry extract	5.0-8.0	FTIR	1 package (1l)	Every 2h	No
Laboratory used:		Internal. Annually in an external lab nutritional analysis for each product.			
Laboratory accreditation:		Internal: No accreditation / External lab: ENAC accreditation			

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Microbiological standards:					
Is the product subject to heat treatment					Yes
Temperature	>135°C	Time	Few seconds	Monitoring frequency.	Continuous monitoring.
Details: (please indicate what heat treatment the product undergoes)			The product undergoes UHT treatment by temperature probes.		
Product commercially sterile					Yes
Criteria:	Target & Max	Method:	Number of samples:	Frequency:	Positive release (yes/no)
Sterility due to pH	7.1 – 7.7	Potentiometric	Minimum 1 per 1,000 units	Minimum 1 per 1,000 units	Yes
Laboratory used:		Internal. Positive release by pH levels after 7 days incubation.			
Laboratory accreditation:		No			

Nutritional standards:			
Criteria:	Typical value (100ml):	Method: (Analytical)	Annually
Energy (kJ)	143	Analytical	Annually
Energy (kcal)	34	Analytical	Annually
Fat (g)	1.7	Analytical	Annually
Total Carbohydrates (g)	1.2	Analytical	Annually
– Of which sugars (g)	<0.5	Analytical	Annually
Total dietary fibre (g)	<0.5	Analytical	Annually
Protein (g)	3.3	Analytical	Annually
Salt (g)	0.07	Analytical	Annually
Vitamin B2	0.21mg	Analytical	Annually
Vitamin B12	0.38µg	Analytical	Annually
Vitamin D	0.75µg	Analytical	Annually
Calcium	120mg	Analytical	Annually
Source of theoretical data:	N/A		
Calculation information:	N/A		
Laboratory used for analytical data:		Eurofins/CNTA	
Laboratory accreditation?		Yes	

Magnet:	
Magnet used:	Yes
Position:	On mixing equipment
Minimum pull strength:	5,000 gauss
Magnet check frequency:	Checks conducted every production and then QA will check the gauss every 3 months

Filtration:		
Filtration used:	Yes	
Position:	Located at raw material preparation (2mm), addition / mix of ingredients (2mm), UHT treatment and homogenisation (3mm and 0.1mm).	
Mesh/ pore size:		
Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Filter integrity check frequency:	Mix of ingredients – every production the filter integrity is checked and cleaned. UHT 0.1 mm – This is checked by Tetra Pak and cannot be accessed by operatives/QA.
--	--

Primary packaging information:						
Primary packaging type:	Tetra Pak Edge Carton – Multi layered laminate comprising of paper board, aluminium foil, polyethylene					
Primary packaging colour:	Multi-coloured					
Primary packaging dimensions:	Length (mm)	72	Width (mm)	72	Height (mm)	210
Primary packaging weight grams:	29.7 +/- 1.5g					
Primary packaging closure method:	Type:			In-line injected base with tethered plant-based cap		
	Material:			High Density Polyethylene (HDPE)		
	Weight:			1.25g		
	Dimensions:			Height: 8,8 mm – Diameter: 30,25 mm		
Primary packaging supplier name:	Tetra Pak Limited					
Primary packaging supplier third party accreditation held:	BRCGS certified ISO9001 certified					
Primary packaging suitable for recycling:	Yes					
Percentage of recycled material in packaging:	71%					
Primary packaging material food grade:	Yes					
	If yes please provide supporting evidence (i.e. certificate of conformity and migration test data): Data on file from Tetra Pak					

Secondary packaging information:						
Secondary packaging type:	Cardboard outer case					
Secondary packaging colour:	Multi-coloured					
Secondary packaging dimensions:	Length (mm)	217	Width (mm)	153	Height (mm)	208
Secondary packaging weight grams:	78 +/- 8%					
Secondary packaging closure method:	Hot-melt glue method					
Secondary packaging suitable for recycling:	Yes					
Percentage of recycled material in packaging:	100%					
Secondary packaging supplier name:	Grupo Saica					
Secondary packaging supplier third party accreditation held:	FSC					
Quantity per unit:	6x1L					
Declared minimum net weight:	Not applicable					
Average weight:	Target weight:	1 litre	T1:	985ml	T2:	970ml

Product label information (if applicable):	
Primary packaging label information:	Pre-printed carton
Label location:	All over carton design

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

	Pack coding located on top of carton Best Before: DD/MM/YY Batch number
Secondary packaging label information:	Pre-printed cardboard outer
Label location:	All over carton design White adhesive label also applied to carton containing: ➤ Product title + Net content (6x1l) ➤ Barcode ➤ Outer case barcode (number)
Preparation instructions as would appear on the product label (if applicable):	
Not applicable	
Warnings as would appear on the product label (if applicable):	
Shake well before use!	

Packaging and labels photographic standards:	
Packaging standard: 	Label Standard:

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Pallet information: (if applicable)		
Pallet type:	Euro Pallets	UK Pallets
Units per layer:	24 cases	30 cases
Layers per pallet:	5 layers	5 layers
Units per pallet:	120 cases / 720 units	150 cases / 900 units
Pallet closure method:	Stretch wrap	
Label information:	- Product name / description - Quantities - Batch number and expiry date - SSCC - EAN 128	

Storage conditions and shelf-life information (Ambient)	
Storage conditions (unopened):	Store in a cool dry place away from direct sunlight.
Storage conditions (opened):	Once opened keep refrigerated and consumer within 3 days and by date shown on top of pack.
Maximum shelf-life (unopened):	360 days
Maximum shelf-life (opened):	3 days
Minimum life into customer:	6 months
Suitable for freezing:	No
Storage temperature:	Ambient

Meat species information:					
Criteria:	Are meat species contained within the product?	Are meat species handled on the production line?	Are meat species handled on site?	Are meat species present and permitted on site?	How is cross contamination between meat species controlled?
Beef and products thereof	No	No	No	Yes	Canteen is located away from the production facility. Hand wash stations separate production from the canteen. Disposable uniform is used so a new one is put on when returning to the facility.
Lamb and products thereof	No	No	No	Yes	
Pork and products thereof	No	No	No	Yes	
Horse and products thereof	No	No	No	No	
Chicken and products thereof	No	No	No	Yes	Canteen is located away from the production facility. Hand wash stations separate production from the canteen. Disposable uniform is used so a new one is put on when returning to the facility.
Mechanically recovered meat and products thereof	No	No	No	Yes	

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Allergen information:					
Criteria	Are allergens contained within the product?	Are allergens handled on the production line?	Are allergens handled on site?	Are allergens present and permitted in the canteen?	How is cross contamination of allergens controlled? (Please include detail such as product testing, site segregation, cleaning validation).
Cereals containing gluten (Wheat, Rye, Barley, Oats, Spelt, Kamut) and products thereof	No	No	No	Yes	Canteen is located away from the production facility. Hand wash stations separate production from the canteen. Disposable uniform is used so a new one is put on when returning to the facility.
Eggs and products thereof	No	No	No	Yes	
Fish and products thereof	No	No	No	Yes	
Crustaceans and products thereof	No	No	No	Yes	
Peanuts and products thereof	No	No	No	Yes	
Nuts (Almond, Hazelnut, Walnut, Cashew, Pecan, Macadamia, Queensland) and products thereof.	No	No	No	Yes	Canteen is located away from the production facility. Hand wash stations separate production from the canteen. Disposable uniform is used so a new one is put on when returning to the facility.
Soya beans and products thereof	Yes	Yes	Yes	Yes	
Milk and products thereof (including Lactose)	No	No	No	Yes	
Molluscs and products thereof	No	No	No	Yes	
Lupin and products thereof	No	No	No	Yes	
Celery and products thereof	No	No	No	Yes	
Mustard and products thereof	No	No	No	Yes	
Sesame seeds and products thereof	No	No	No	Yes	
Sulphur dioxide and sulphite (>10ppm)	No	No	No	Yes	

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Dietary information:		
Criteria:	The product is suitable for	Comments:
Vegetarians	Yes	No animal or animal derived ingredients contained within the product.
Lacto-ovo vegetarians	Yes	No animal or animal derived ingredients contained within the product.
Vegans	Yes	No animal or animal derived ingredients contained within the product.
Nut allergy suffers	Yes	No nuts contained within the product or production facility
Coeliac	No	No gluten or gluten derivatives contained within the product
Halal	Yes	Suitable but not certified
Kosher	Yes	Suitable but not certified
Organic	No	
Fairtrade Mass Balance	No	
Rainforest Alliance Mass Balance	No	

Ionising radiation (irradiation) information:		
Criteria:	Yes/ No	Comments if applicable:
The product or ingredients are subjected to ionising radiation.	No	N/A

Fumigation information:		
Criteria:	Yes/ No	Details of fumigation
The product is subjected to fumigation.	No	

Palm oil information:		
Criteria:	Yes/ No	Comments:
The product and any of its ingredients contain palm oil and products thereof	No	
RSPO certification	N/A	Details of certification

Acrylamide information:		
Acrylamide is a chemical substance formed when starchy foods, such as potatoes and bread, are cooked at high temperatures (above 120°C).		
Criteria:	Yes/ No / N/A	Details of testing
This product is susceptible and tested to monitor levels of acrylamide.	No	

Genetically modified material information:		
Criteria:	Yes/ No?	Comments:
This product and any of its ingredients are free from genetically modified material.	Yes	
This product and any of its ingredients are free from any changes as a result of genetic modification.	Yes	

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

This product and ingredients are free from processing aids, additives or flavourings that have been subjected to genetic modification.	Yes	
This product and ingredients are free from material made using genetically modified derived enzymes and cultures approved in the UK for food use.	Yes	
The product is tested to verify the absence of genetically modified material.	No	If yes testing details.
Illegal food dyes and non-permitted food colours information:		
Chilli powder; Cayene pepper; Crushed dried chillies; Curry powder; Paprika and Turmeric cannot contain the following illegal food dyes: Sudan I – IV; Butter yellow; Metanil yellow; Sudan red b; Sudan red 7b; Orange red g; Rhodamine b; Orange II; Para red; Toluidine red and Sudan Red G		
Spices cannot contain the following non-permitted food colours: Annatto; Bixin and Norbixin		
Criteria:	Yes/ No?	Comments:
This Product or ingredients contain chilli powder, chilli mixes; curry powder; paprika and turmeric.	Yes	

Food intolerance data:		
Ingredients:	Product free from?	Comments:
Beef and products thereof	Yes	
Lamb and products thereof	Yes	
Pork and products thereof	Yes	
Chicken and products thereof	Yes	
Preservatives	Yes	
Additives	No	Product contains: Gellan Gum Calcium Carbonate
Antioxidants	Yes	
Colours	Yes	
Flavours	Yes	
Genetically modified materials	Yes	
Yeast	Yes	
Vegetable oil	Yes	
Corn and products thereof	Yes	
Maize and products thereof	Yes	
Soya and products there of	No	Product contains SOYA
Milk and products thereof	Yes	
Nut oil and products thereof	Yes	
Peanut oil and products thereof	Yes	
Salt and salt replacers	No	Product contains sea salt
Sugar	Yes	
Benzoates	Yes	
Butylated hydroxyanisole	Yes	
Butylated hydroxytoluene	Yes	

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Caffeine	Yes	
Caramel	Yes	
Cinnamon	Yes	
Cocoa and products thereof	Yes	
Coconut and products thereof	Yes	
Coriander	Yes	
Fruit and products thereof	Yes	
Garlic	Yes	
Gelatine	Yes	
Histamine	Yes	
Hydrolysed vegetable protein	Yes	
Hydrolysed vegetable oil	Yes	
Legumes and pulses	No	Soy raw material
Monochloropropanols	Yes	
Monosodium glutamate and products thereof	Yes	
Phenylalanine	Yes	
Polyols (including sorbitol)	Yes	
Seed oil	Yes	
Sunflower or cotton seeds	Yes	
Chilli powder	Yes	
Cayenne pepper	Yes	
Crushed dried chillies	Yes	
Cayenne	Yes	
Curry powder	Yes	
Paprika	Yes	
Turmeric	Yes	

Health and safety information: available on request from our Technical Department. Technical@fg-int.co.uk

Warranty statement:	
First Grade International Limited warrants that the product, the manufacturing premises and distribution facilities will comply in every respect with the provisions of existing legislation and statutes, of either the United Kingdom or EC origin, and all regulations, statutory instruments, directives, orders, decisions or any other requirements made thereunder, which relate to, or control the nature, substance, quantity, quality, fitness for purpose, packaging, packing, labelling, sale, offering for sale, use, marking, traceability, constitution, importation, exportation, transportation, possession, dealing, make-up or trade description of such goods.	
First Grade International Limited is responsible for informing the customer of any proposed changes in the specification (e.g. formulation, manufacturing procedures or packaging materials etc.).	
First Grade International Limited is responsible for ensuring that all products, as far as is reasonably possible, are manufactured in accordance with the specification, where there is a deviation that they inform the customer of this in advance of shipping the goods.	
The product shall be manufactured at all times to the best practice reasonably available in the industry, and where this cannot be achieved this should be highlighted to the customer, and in this respect is responsible with keeping up-to- date with all regulations in force in Europe as it relates to the specific product and in general.	
Signed on behalf of First Grade International Limited	
Technologist	
Print name:	Abigail Maggs
Position:	Product technologist

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong

FIRST GRADE INTERNATIONAL LTD	
CONFIDENTIAL PRODUCT SPECIFICATION	
Product name:	6x1l case Free'd – Soya Dairy Free Alternative
Product code:	60344

Sign:	
Date:	17/11/2025
Senior Departmental Manger / Deputy Technical Manager / Senior Technologist	
Print name:	Victoria Smith
Position:	Senior Product Technologist
Sign:	
Date:	17-11-2025

Specification amendment history:		
New version:	Date:	Reason(s) for amendment:
001	17-11-2025	New product specification

Doc Ref. QMS 3.9	Version No. 3	Issue Date: 28/03/2023
Review Date: 18/07/2025	Issued By: M. Jones	Authorised by: D. Armstrong