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 Kent  
 TN27 9PJ

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**PRODUCT SPECIFICATION (Private and Confidential)**

<b>Product Name:</b>	<b>Rhubarb Filling</b>
<b>Product Code:</b>	RHBR100515
<b>Customer:</b>	Bradley's
<b>Product Description:</b>	Rhubarb fruit preparation stabilised with waxy maize modified starch with visible fruit pieces. Free from Taints or off flavours.
<b>Country of Origin:</b>	Manufactured in UK

**Product Details:**

<b>Ingredients Breakdown</b>	<b>%</b>	<b>Country of Origin</b>
Rhubarb	63.00	Poland, UK
Water	21.75	UK
Sugar	12.00	UK, Poland, France, Belgium, Germany, Netherlands, Mauritius, Guatemala, Thailand, Austria
Modified Waxy Maize Starch	3.10	Italy, Germany, France
Potassium Sorbate E202	0.10	China, Germany
Citric Acid E330	0.05	China, Austria
	To 100%	

<b>Ingredient Declaration:</b>	Rhubarb, Water, Sugar, Stabiliser: Modified Waxy Maize Starch, Preservative: Potassium Sorbate, Acidity Regulator: Citric Acid.
<b>Allergens:</b>	For allergens including cereals containing gluten, see ingredients above in <b>bold</b> .
<b>GMO:</b>	Modified Waxy Maize Starch - Valid IT or SGS IP Certified Citric Acid - Valid IT or SGS IP Certified
<b>Packaging:</b>	White Polypropylene bucket & lid, with diaphragm seal.
<b>Unit Net Weight:</b>	10kg
<b>Storage Details:</b>	Storage Unopened at Ambient (15-22°C), Cool, dry, away from direct sunlight and preferably less than 20°C. Measures to maintain this range are to be taken during heatwave conditions. Once opened store chilled 0 - 5°C
<b>Shelf-life:</b>	6 Months from date of production in storage conditions as above if unopened. If opened, packaging should be kept sealed, refrigerated and used within 5 days.
<b>Minimum Life on Delivery:</b>	70%
<b>Delivery Details:</b>	Ambient transport
<b>Labelling Details:</b>	Naked Foods Label with Product Description, Weight, Batch Number, Use by date, Storage Instructions.

**Nutritional Information:**

Typical Values		Per 100g
Energy	kJ	270.7
	kcal	64.7
Fat	g	0.1
Of which Saturates	g	0.0
Carbohydrates	g	15.2
Of which Sugars	g	12.5
Fibre	g	0.9
Protein	g	0.6
Salt (Na x 2.5)	g	0.02

**This product is suitable for:**

Special Interest Group:	Suitable?	Comments:
Vegans	Yes	
Ovo- lacto Vegetarians	Yes	
Lactose Intolerants	Yes	
Kosher	No	Not certified
Coeliacs	Yes	
Made in a production area which handles Milk, Egg, Soya and Sulphites.		

**Product Contents:**

Free From	Yes / No	Specify	Declare
Artificial Antioxidants	Yes		n/a
Artificial Colours	Yes		n/a
Artificial Flavourings	Yes		n/a
Flavour Enhancers	Yes		n/a
Artificial Preservatives	<b>No</b>	Potassium Sorbate	<b>Yes</b>
Artificial Sweeteners	Yes		n/a
GM ingredients / derivatives	Yes		n/a
Egg or egg products	Yes		n/a
Fish or fish products	Yes		n/a
Shellfish or shellfish products	Yes		n/a
Milk or milk products	Yes		n/a
Peanuts/Groundnuts or products	Yes		n/a
Tree Nuts or products	Yes		n/a
Sesame Seed or products	Yes		n/a
Celery / Celeriac or products	Yes		n/a
Mustard or products	Yes		n/a
Soya beans or products	Yes		n/a
Sulphite (declare if > 10mg/kg)	Yes		n/a
Wheat or products	Yes		n/a
Gluten or products	Yes		n/a
Lupin or products	Yes		n/a


**Food Safety Controls (see also HACCP process flow on last page)**

Microbiological Stability Controls / Methods of Preservation (inc. Critical Limits)	Low pH <4.3 Heat treatment >85 °C. Hot Fill into packaging
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<b>Foreign Body Prevention Controls (inc. Critical Limits)</b>  <b>EVM:</b> <i>Plugs &amp; Stalks &lt;10mm</i> 1 pc per 5kgs <i>Plugs &amp; Stalks &gt;10mm</i> 2 pc per 5kgs <i>Maggots</i> 1 per 10kgs <i>Other Insects</i> Nil <i>General EVM</i> <i>Target:</i> 1 cm <sup>2</sup> - <i>Max:2cm<sup>2</sup></i>	<b>Metal Detection:</b> <ul style="list-style-type: none"> <li>• 1.5mm Ferrous</li> <li>• 1.5mm Non - Ferrous</li> <li>• 2.5 mm Stainless Steel</li> </ul> <p>Rhubarb has two growing seasons per year, one harvest to typically firmer than the other and may on occasion result in some 'woodiness' to the sides of the stalk which (although sliced) can still be present on the sliced fruit and are not visible in their frozen bulk state.</p>
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**Physical, Chemical & Quality Specification:**

<b>Frequency of Testing:</b>	<b>Each Batch</b>
Refractometric Solids	<b>12.0 - 19.0</b>
Viscosity (Modified Ford Cup Method) <i>NB: Viscosity may alter over shelf life.</i>	<b>8.0 - 11.0</b>
pH	<b>3.1 - 3.5</b>
RHS Colour:	<b>Target 174D</b>

Organoleptic Parameters	Accept	Reject
Appearance	Visible fruits pieces	No Fruit ID
Aroma	Typical rhubarb aroma	No off taints
Flavour	Sweet with sharpness typical for rhubarb	No off flavours
Texture	Without lumps	Lumpy
Product Photo		
	<p><i>*Note: As this product has no additional colour or booster, it relies on the colour of the fruit for the final appearance. As such, seasonality plays a large role in the final appearance. Early season Rhubarb can be greener than expected, so on occasion, the product may appear paler than anticipated.</i></p>	

### Microbiological Specification:

Test	Target (cfu/g)	Reject (cfu/g)
TVC	≤1000	>1000
Yeast	≤10	>100
Mould	≤10	>100
Testing Frequency	<i>Micro testing is not done for every product produced, unless required by the customer &amp; costed into their product accordingly. Micro testing is done on between 30+ products per week and is used as an indicator on process, hygiene and site GMP. These results are used to establish the micro limits for the site as a whole. Example results available on request.</i>	

### Legal Compliance Statement

The information provided in this specification is correct to the best of our knowledge and experience at the time of writing. Naked Foods Limited confirms that this product will be manufactured in accordance with this specification and that this product, including food contact packaging will fully comply with all relevant UK/EU legislation.

### Health & Safety

Spillages can be washed away with water.  
Skin contact is harmless - rinse thoroughly with water.  
Product is non-flammable.

Signed:

*Kinga Krepacka*

Quality & Technical Supervisor  
Naked Foods Limited



### Log of Issues-

Issue No.	Issue Date	Reason
5	25.07.19	Change packaging to sealed buckets
6	27.04.22	Three-year review
7	07.05.2024	Specification Review - Supplier detail amended and Product Picture Added
8	07.11.2024	Specification Review - Kinga K.