

Product Name:	Sea Salt & Vinegar 50 x 18g
Product Code:	8423R
Version Number:	10

SEABROOK CRISPS TECHNICAL PRODUCT SPECIFICATION

Calbee
Group UK

Product Name:	Sea Salt & Vinegar 50 x 18g
Product Code:	8423R
Version Number:	10

Supplier Site Address:	Calbee Group UK Ltd, Seabrook House, Duncombe Street, Bradford. BD8 9AJ		
Tel:	01274 546405		
Technical Contact:	Sue Davey	Position:	Technical Manager
Email:	sued@calbeegroupuk.com		
Commercial Contact:	John Wood	Position:	Sales Director
Email:	johnw@calbeegroupuk.com		
Emergency Out of Hours Contact:	Sue Davey	Position:	Technical Manager
		Number:	07917623075

Ingredients

Ingredient Declaration and Statements:

<p>Salt & Vinegar Flavour Potato Crisps</p> <p>Ingredients: Potatoes, Vegetable Oils (Sunflower, Rapeseed, in varying proportions), Rice flour, Sea salt, Acidity regulator: Sodium diacetate, Citric acid.</p> <p>Packaged in a protective atmosphere</p>

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Compositional Details:

Ingredient	% in final product	Supplier	Country of Origin
Crisps	93		
Potatoes		Approved Suppliers	UK, France, Holland, Belgium
Sunflower Oil		Approved Suppliers	UK, Argentina, Belgium, Bolivia, France, Netherlands, Hungary, Romania, Spain, South Africa, Ukraine, Uruguay
Rapeseed Oil		Approved Suppliers	Australia, EU, Ukraine
Sea Salt & Vinegar flavour seasoning	7	Approved Suppliers	Various

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Additives, Colours & Processing Aids

E Number	Name of Additive	Ingredient additive is present in	Quantity in ingredient	Function in ingredient
E262	Sodium Diacetate	Salt & Vinegar flavour	15-20%	Acid
E330	Citric Acid	Salt & Vinegar flavour	3-4%	Acid
E551	Silicon Dioxide	Salt & Vinegar flavour	0.07%	Anticaking agent
	Medium Chain Triglycerides	Salt & Vinegar flavouring	<1%	Non declarable processing aid

Allergen & Sensitive Information

	YES	NO	Details/Comments
Cross-contamination risk?	√		Allergen controls in place. Cleans carried out between products.
Contains Wheat/Wheat derivatives (Inc. Rye, Barley, Oats, Spelt, Kamut)? Except: 1) Wheat-based glucose syrups including dextrose* 2) Wheat based – maltodextrins 3) Glucose syrups based on barley 4) Cereals used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages		√	
Contains Gluten/Gluten derivatives?		√	
Contains Maize/Maize derivatives?		√	
Contains Eggs/Egg derivatives?		√	
Contains Milk/Milk derivatives (Inc. Lactose)? Except: 1) Whey used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages 2) Lactitol		√	
Contains Crustaceans/Crustacean derivatives?		√	
Contains Molluscs/Mollusc derivatives?		√	
Contains Fish/Fish derivatives? Except: 1) Fish Gelatine used as a carrier for vitamin or		√	

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carotenoid preparations 2) Fish Gelatine or izinglass used as a fining agent in beer and wine			
Contains Peanuts/Peanut derivatives?		√	
Contains Nuts/Nut derivatives? (Inc. Almonds, Hazelnuts, Walnuts, Cashew, Pecan Nuts, Brazil Nuts, Pistachio Nuts, Macadamia Nuts and Queensland Nuts) Except: 1) Nuts used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages		√	
Contains Sesame Seed/Sesame Seed derivatives?		√	
Contains Soya/Soya derivatives? Except: 1) Fully refined soy bean oil and fat* 2) Natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, natural D-alpha tocopherol succinate from soybean sources 3) Vegetable Oils derived from phytosterols and phytosterol esters from soybean sources. 4) Plant stanol ester produced from vegetable oil sterols from soybean sources		√	
Contains Mustard/Mustard derivatives?		√	
Contains Lupin/Lupin derivatives?		√	
Contains Sulphur Dioxide and Sulphites at concentrations of more than 10mg/kg 10mg/litre expressed as SO2?		√	
Contains Celery/Celery derivatives?		√	
* - The exception only applies to products derived from these products in so far as the process they have undergone is not likely to increase the level of allergenicity assessed by the European Food Safety Authority for the relevant product from which they have originated.			
Contains Garlic/Garlic derivatives?		√	
Contains Coconut/Coconut derivatives?		√	
Contains Kiwi Fruit?		√	
Contains Vegetable/Vegetable derivatives?		√	
Contains Fruit/Fruit derivatives?		√	
Contains Cocoa/Cocoa derivatives?		√	
Contains Honey?		√	
Contains Yeast?		√	
Contains Genetically Modified Ingredients?		√	
Palm Oil or Palm oil derivatives?	√		MCT can be derived from either coconut or palm. Sustainable Palm oil

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			RSPO certified.
Contains Animal Products/By Products?			
Beef?		√	
Pork?		√	
Lamb?		√	
Poultry?		√	
Other?		√	
Additives			
Contains any Additives	√		See additives and processing aids section
Contains any Processing Aids	√		See additives and processing aids section
Contains Preservatives		√	
Contains Sulphites		√	
Contains Colours: Natural		√	
Contains Colours: Artificial		√	
Contains Colours: only HACSG approved		√	
Contains Colours: not HACSG approved		√	
Contains MSG (mono sodium glutamate)		√	
Contains Sweeteners: Intense		√	
Contains Sweeteners: Bulk		√	
Contains HVP (hydrolysed veg. protein)		√	
Contains Flavouring: Natural		√	
Contains Flavouring: Synthesised		√	
Contains Flavouring: Nature Identical		√	
Contains other Flavour enhancers		√	
Added Sugar		√	
Added Salt	√		In flavour

This Product is Suitable For:

	YES	NO	Details/Comments
Ovo-lacto Vegetarian	√		
Vegans	√		
Coeliacs	√		
Halal		√	Not certified site
Kosher		√	Not certified site
Organic		√	Not certified site
Allergen Sufferers (in line with The Food	√		

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Information Regulations)			
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Quality Attributes

	Green
Appearance	A crinkle cut potato crisps ,lightly golden in colour with a dusting creamy flavouring
Aroma	A mild vinegar aroma
Flavour	A mild vinegar & salt flavour and a clean potato flavour
Texture	A firm crisp crunch

Photo Standards



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Analysis

Microbiological standards:

Media	Organism	Method, Agar, Incubation time & temperature	Target	Reject	Frequency
All tests undertaken via an external sub-contracted UKAS accredited laboratory	Enteros	M10 based on BS ISO 21528-2:2017	<100	≥10e4	Yearly
	Yeasts	M7 using Rose Bengal Chloramphenicol Agar at 25°C	<10e3	>10e5	Yearly
	Moulds	M7 using Rose Bengal Chloramphenicol Agar at 25°C	<10e3	>10e5	Yearly
	Salmonella Spp	M22 based on BS EN ISO 6579:2017	ND in 25g	Detected in 25g	Yearly

Chemical/Physical

Methodology	Test	Target	Method	Frequency
All tests undertaken in-house	Salt	1.20 – 1.80g	Salt Analyser	Every two hours
	FFA New Oil	0.00 - 0.10%	Titration / NIR	On delivery
	Used Oil	0.05 - 0.25%	Titration / NIR	Every 8 Hours or 4 when needed
tests undertaken via an external sub-contracted UKAS accredited laboratory	Gluten	<5ppm	Method reference MET003 Quantification of Gliadin by standard ELISA detection using the Omega Gliadin antibody	Annually
In-house rapid method	Gluten	Not detected	Quantitative Gluten Flow Through Test Card	Each flavour batch

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Nutritional

Nutritional Data	Typical Values per 100g finished product
Methodology: Theoretical using Nutrition Pro	
Energy kJ	2081
Energy Kcals	499
Protein	5.8
Available carbohydrate by diff	52.2
Sugar	0.2
Fat	28.7
Saturates FAME	2.5
Salt	2.5

Packaging

Level (primary, secondary)	Description	Material	Colour	Weight (g)	Sealing Method	Is the packaging recyclable?
Primary	Sea Salt & Vinegar Inner	20 Clear OPP /20 Met OPP	7 Colours	1.5	Lap	No
Secondary	Sea Salt & Vinegar Cartons	Recycled brown cardboard	2 colours	498	Taped sealed	Yes

Please State:	
Packed to Average or Minimum Weight:	Average
Weight of Unit Supplied: T1:	18.0g 16.4g
Number of Units per Case	50
Number of Cases per Pallet:	60
Type of Pallet:	Blue GNK
Pallet Height:	2030

Coding

Title: SQF070 – Seabrook Crisps Specification
Issue Number: 10
Issue Date: 21/02/2023
Issued By: JP

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Description of coding system used (including location of coding):	
Primary	BB Date & Julian code on back of packet
Secondary	BB Date on front of carton
Tertiary	N/A

Storage

Recommended Storage Temperature and Conditions:	Cool dry conditions
Maximum Delivery Temperature:	Ambient

Shelf-life

Total shelf-life from production:	16 Weeks
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Quality Control Checks and Product Protection

Test	Frequency	Standard	Tolerance	Action if outside specification
Weights	On start-up of production run and every 60 minutes thereafter, at the end of the production run	18.0g	T1 – 16.4g	Reject if below T1. Re-set machine to weigh correct amount. Re-screen all products since last successful test. Contact engineer if machine is in need of repair.
Seal Checks	On start-up of production run and every 60 minutes thereafter	No leaking bags	No leaking bags	Discard any leaking bags. Re-set machine to weigh correct

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				amount. Contact engineer if machine is in need of repair.
Coding Checks	On start-up of production run and every 60 minutes thereafter, at the end of the production run	Correct coding	Correct coding	Reset machinery. Contact engineer if machine needs repair. Product placed on hold.

Measures to ensure the product is free from foreign body contamination

Test	Frequency	Standard	Action if outside specification
Wet Sieving	At point of Delivery	Sieve to be free from foreign bodies	Ingredient to be placed on hold and checked
Metal Detection	The test procedure is to be carried out on start-up, including restarts after breakdowns, product & shift changes. Every hour during any production run.	<u>L1 - 11 To 19</u> 1.5mm Ferrous, 1.5mm Non-Ferrous, 2.0mm Stainless Steel <u>L1 – 20, L2 - 1 & 3</u> <u>R4 – 21 & 22</u> 1.0mm Ferrous 1.0mm Non-Ferrous 1.2mm Stainless Steel <u>L2 – 2, 4, 5 & 6</u> 1.0mm Ferrous 1.2mm Non-Ferrous 1.3mm Stainless Steel <u>R7 23 & 24</u> 1.0mm Ferrous 1.2mm Non-Ferrous 1.3mm Stainless Steel	Product from previous check to be placed on hold and checked
Glass/Hard plastics audit	Daily, Weekly & Monthly,	Free from damage	Damage to be removed or replaced

Genetically Modified Ingredients

	Yes	No
Does the product ingredient contain genetically modified material?		√
If yes, please state:		
Is the product/ingredient produced from, but not containing, genetically modified material?		√

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If yes, please state:		
Has the product/ingredient been significantly changed by use of genetically modified material?		√
If yes, please state?		
Does the product/ingredient use processing aids or additives which are genetically modified?		√
If yes, please state?		
Can you guarantee that all raw materials are traceable back to source including GM verification of all suspect raw materials including animal feed?	√	

Documentation

The following information is attached/not attached with this specification	Yes	No
HACCP		
Nut/Seed Policy		
Allergen Policy		

History of Amendments

Version Number	Date	Amended By	Details of Amendments
01	29/06/2017	J Pilling	New Specification
02	18/12/2017	J Pilling	Updated new metal detection limits, microbiological standard, gluten testing and photo standard
03	13/12/2018	J Pilling	Pallets per cases amended
04	04/11/2019	J Pilling	Added medium chain triglycerides to the additives, colours & processing aids section
05	27/04/2020	J Pilling	Added Calbee logo, updated contacts, allergens, and metal detection limits.
06	28/10/2020	J Pilling	Added new machinery metal detection limits and amended the micro standard specification
07	27/04/2021	Jackie Pilling	Updated metal detection machine numbers
08	06/06/2022	Jackie Pilling	Updated the oil ingredients due to the Sunflower shortage
09	21/02/2023	Jackie Pilling	Updated micro testing requirements
10	28/05/2024	Jackie Pilling	Updated photo standard


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IMPORTANT:

Please check, sign and date this specification within two weeks of receipt and return to:

QA Coordinator
Calbee Group UK Ltd
Seabrook House
Duncombe Street
Bradford
BD8 9AJ

(Please note: it will be assumed that the specification has been approved if not returned within the above specified time)

<i>For and on behalf of the supplier</i>	
Name	Jackie Pilling
Position Held	Quality Management Systems & Supplier Assurance Coordinator
Signature	
Date	28/05/2024
<i>For and on behalf of the customer</i>	
Name	
Position Held	
Signature	
Date	