



## FROZEN CHOPPED SPINACH PORTIONS PRODUCT SPECIFICATION

General Information					
Issued Date	29.11.2021	Revised date	20/06/24	Version Number	2
Approved by	Dan Parsons				
Product name					
<b>Spinach Chopped 15g Portion IQF 10KG</b>	Stock Code	<b>SPI001</b>			
	Stock Code				
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Product Characteristics					
Origins	Poland				
Varieties	Various				
Additional process information	Spinach is cleaned, chopped, blanched and IQF frozen into 15g portions. Nitrates 2000PPM. Nitrites 20PPM. Dry Matter 6.5%. Drip Out Weight min 65%				
List of ingredients. In descending order by magnitude of weight. Also include additives and processing aids.	Components	% in the recipe	Functionality	Country of origin	
	1. Spinach	100%	Ingredient	Belgium	
	2.				
	3.				
	4.				
Packaging	Primary	Blue food grade liner	Secondary	Cardboard carton	
Label information	Product description, date of production, best before date, net weight, country of origin.				
Shelf life	24 months from production, (minimum 3 months on delivery)				
Storage conditions	Frozen at -18°C				
Analytical / Organoleptical Values					
Organoleptic				Method used	
Appearance	15g Pellets			Visual	
Colour	Green			Visual	
Flavour	Characteristic for Spinach. With out off or foreign flavours			Organoleptic	
Texture	Typical for Spinach. Free from taint.			Organoleptic	
Microbiological in cfu/g	Target	Maximum			
Escherichia coli	<10 cfu/g	<100 cfu/g			
Enterobacteriaceae	<500 cfu/g	<5,000 cfu/g			
Total viable count	<500,000 cfu/g	<1,500,000 cfu/g			
Yeast and moulds	<1,000 cfu/g	<10,000 cfu/g			
Staphylococcus aureus	<20 cfu/g	<100 cfu/g			
Salmonella	Absent/25g	Absent/25g			
Listeria	Absent/25g	Absent/25g			
Pesticide analysis	Annual by external laboratory or supplier, available on request.				
Quality Parameter per 5Kg					
Physical	Target	Maximum	Method used to determine value		
Foreign Bodies	0	0	Visual check		
Vegetable Foreign matter	0%	2%	Visual check		
Yellow, discoloured leaf	0%	2%	Visual check		
Proportion Stem / Leaf	30%	36%	Visual check		
Sand	0%	0.20%	Visual check		
Disease	0	0	Visual check		
Insects	0	0	Visual check		
			Visual check		

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GMO							
The product or ingredients of, have not been derived from nor contain GMO material.							
Radiation							
The product or ingredients of, have not been treated with irradiation.							
Nutritional Information per 100g				Dietary Information			
Energy		96.3	kJ	Suitable for	Yes	No	
		23	kCal		Kosher		Suitable not certified
Protein		2.9	g		Halal		Suitable not certified
Total carbohydrates		3.6	g		Vegetarians	x	
	Sugar	0.4	g		Vegans	x	
Fibre		2.2	g		Coeliacs	x	
Total fat		0.4	g		Diabetics	x	
	Saturated	<0.1	g		Lactose intolerant	x	
Sodium		79.0	mg		Nutritional source: Composition of Foods, McCance & Widdowson, Sixth Edition.		
Water			g				
Allergen Information							
+ = present, - = absent and ? = unknown/ possible traces							
1	Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut or their hybridised strains)	-		9	Celery and derivatives	-	
2	Crustaceans and derivatives (crab, lobster, crayfish, shrimp, prawn, etc.)	-		10	Mustard and derivatives	-	
3	Egg and egg derivatives	-		11	Sesame seeds and derivatives	-	
4	Fish and derivatives	-		12	Sulphur dioxide and sulphites at concentration > 10mg/Kg or 10 mg/l expressed as SO <sub>2</sub>	-	
5	Peanuts and derivatives	-		13	Animal products	-	
6	Soybeans and derivatives	-		14	Artificial colours	-	
7	Milk and milk derivatives (incl. lactose)	-		15	Monosodium glutamate	-	
8	Tree nuts and nut derivatives (almonds, hazelnuts, walnuts, cashews, pecans, brazils, pistachios and macadamia/ queensland nuts)	-		16	Lupin and products thereof	-	
				17	Molluscs and products thereof	-	
Inline Process Controls							
Inline controls in place		Yes	No	Other, please list			
Metal detection		X					
Sieves/filters							
Magnets							
Freezing/chilling		X					
All products comply with relevant UK & EU food legislation in force at the time of manufacture.							