



Quality Management System Product Specification

Product name	Worms, beans & peas – smoked paprika
Product SKU	WBPSMOKE
Description	Ready-to-eat dried crunchy mealworms (blanched/freeze-dried), roasted fava beans (blanched/roasted in rapeseed oil) and roasted green peas (blanched/roasted in rapeseed oil).

INGREDIENTS	
Ingredients	Roasted fava beans (broad beans) 37%, roasted green peas 37%, dried mealworms (<i>tenebrio molitor</i>) 14%, seasoning: rapeseed oil, rice flour, salt, spices (paprika, cayenne, black pepper), smoked paprika, yeast extract, smoke flavouring.
GM ingredients	None
Irradiated ingredients	None
Artificial colours	None
Artificial flavourings	None
Artificial preservatives	None
Added sugar	None
Added salt	Yes

SOURCING & STANDARDS	
Origin	Fava beans & green peas: Produced, processed, roasted, packed in the UK. Mealworms: Produced, processed, freeze-dried, packed in the Netherlands
Certification	Raw beans sourced from British farms certified to <i>Red Tractor Farm Assurance scheme for Crops and Sugar Beet</i> or equivalent standards. Primary processor certified to BRC Grade A (minimum) standard. Contract roaster certified to BRC Grade A (minimum) standard. Mealworms cultivated on vegetable based and GMP+ certified materials. Grown on substrates without hormones, antibiotics and chemicals.
Legal standards	Product complies with provisions of all applicable EU legislation

NUTRITION	<i>typical values per 100g/per pack</i>
Energy kcal	417/125
Fat g	14.5/4.3
of which saturates g	1.7/0.5
Carbohydrate g	41.0/12.3
of which sugars g	1.5/0.4
Fibre g	11.6/3.4
Protein g	24.8/7.4
Salt g	0.7/0.2

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STORAGE & USE	
Date marking	Best before end: 9 months from pulse roasting
Storage conditions	Ambient (dry, cool, dark)
Use	Snack food
Preparation	Ready to eat
Suitable for freezing	No
Suitable for microwaving	No

PACKAGING	
Pack net weight/dimensions	30g/width: 65 height: 170 depth: 10mm
Primary packaging (food contact)	Metalised with matt finish outer All primary packaging certified as compliant with current UK/EU regulations for materials in contact with foodstuffs

ORGANOLEPTIC STANDARDS	
Appearance, colour	Dry and not greasy, good golden-brown colour (worms), orange colour (beans, peas)
Odour, flavour	Spice notes, pleasant, unburned taste and smell with nutty tones
Texture	Crunchy but not hard

FOOD SAFETY CONTROLS	
Metal detector	Yes: Ferrous 2.5mm / Non-Ferrous 4mm / Stainless Steel 3.5mm

MICROBIOLOGICAL STANDARDS (MAX PERMISSIBLE LIMITS)	
Total Count 30C 48hr	10 ⁴ cfu/g
Enterobacteriaceae	10 ² cfu/g
Yeasts and Moulds	<1000 cfu/g
S. aureus	<20 cfu/g
B. cereus	<10 cfu/g
E. coli	<10 cfu/g
Salmonella spp	Absent in 25g

ALLERGENS	
Allergens present in product	Mealworms may contain allergens similar to those found in crustaceans, molluscs and dust mites. Contains gluten.
Allergen advice	May contain: Nuts, peanuts, sesame seeds

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DIETARY SUITABILITY	
Suitable for lactose intolerant	Not certified (See Allergen information above)
Suitable for coeliacs	Not certified (See Allergen information above)
Suitable for vegans	Not certified (See Allergen information above)
Suitable for vegetarians	Not certified (See Allergen information above)
Kosher	Not certified (See Allergen information above)
Halal	Not certified (See Allergen information above)

DOCUMENT HISTORY	
Current issue prepared by:	Nick Cooper, Director, Snow Pony Ltd
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