



# Quality Management System

## Product Specification

<b>Product name</b>	<b>Worms, beans &amp; peas sea salt &amp; black pepper</b>
<b>Product SKU</b>	<b>WBPSP</b>
<b>Description</b>	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	
<b>Ingredients</b>	Roasted fava beans (broad beans) 37%, roasted green peas 37%, dried mealworms ( <i>tenebrio molitor</i> ) 14%, seasoning: rapeseed oil, potato starch, spices (cracked black pepper, black pepper), sea salt, rice flour, sugar, natural black pepper flavouring, onion powder, yeast extract.
<b>GM ingredients</b>	None
<b>Irradiated ingredients</b>	None
<b>Artificial colours</b>	None
<b>Artificial flavourings</b>	None
<b>Artificial preservatives</b>	None
<b>Added sugar</b>	None
<b>Added salt</b>	Yes

SOURCING & STANDARDS	
<b>Origin</b>	Fava beans & green peas: Produced, processed, roasted, packed in the UK. Mealworms: Produced, processed, freeze-dried, packed in the Netherlands
<b>Certification</b>	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.
<b>Legal standards</b>	Product complies with provisions of all applicable EU legislation

NUTRITION	<i>typical values per 100g/per pack</i>
<b>Energy kcal</b>	424/127
<b>Fat g</b>	15.8/4.7
<b>of which saturates g</b>	2.0/0.6
<b>Carbohydrate g</b>	36.4/10.9
<b>of which sugars g</b>	1.7/0.5
<b>Fibre g</b>	12.0/3.6
<b>Protein g</b>	28.0/8.4
<b>Salt g</b>	1.5/0.4

Doc Ref	Issue No	Issue Date	Page	Authorised By
WBPSPPS	1	31/10/2019	Page 1 of 3	Nick Cooper



# Quality Management System

## Product Specification

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 (beans, worms), green colour (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 <sup>4</sup> cfu/g
Enterobacteriaceae	10 <sup>2</sup> 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

Doc Ref	Issue No	Issue Date	Page	Authorised By
WBPSPPS	1	31/10/2019	Page 2 of 3	Nick Cooper



# Quality Management System Product Specification

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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Doc Ref	Issue No	Issue Date	Page	Authorised By
WBSPPS	1	31/10/2019	Page 3 of 3	Nick Cooper