

Rowse Honey Ltd QUALITY ASSURANCE MANUAL QAR 6-05a ROWSE SPECIFICATION

| | | | |
|-------------------------|--------------------------|----------------------------------|------------|
| Product: | Buckwud Maple Syrup 620g | Product Code: | 92410 |
| Spec Version No: | 8 | Specification Issue Date: | 06/07/2022 |

1.0 SUPPLIER INFORMATION


| | | | |
|----------------------------------|---|-------------------------------|---|
| Supplier Name | Rowse Honey Ltd / Valeo Foods UK (Valeo Foods UK is a trading name of Rowse Honey Limited) | | |
| Supplier Address | Moreton Avenue, Wallingford, Oxfordshire, OX10 9DE | | |
| Phone Number | 01491 827 400 | | |
| Contacts | Technical | Commercial | Specifications |
| Contact Name | Gordon Wood / Ina Kalinina | Hanenne Madi | Rob Cooper |
| Phone Number | 07730696958 (Gordon) / 07919255205 (Ina) | 01491 827458 | 01491 827400 |
| E-Mail Address | gordon.wood@valeofoods.co.uk / Ina.kalinina@valeofoods.co.uk | Hanenne.Madi@valeofoods.co.uk | Specification.technologist@valeofoods.co.uk |
| Emergency Contact Details | Gordon Wood gordon.wood@valeofoods.co.uk 07730696958 | | |

2.0 PRODUCT INFORMATION

| | |
|----------------------------------|---|
| Product Title | Buckwud Maple Syrup |
| Sub Text / Marketing Text | Back of Pack Marketing Sub-text Long long ago the first people of the land that is now Canada discovered that when they pierced the bark of the maple tree, a sticky, sweet liquid trickled out. They tasted it. "Its Gud" they thought. "Sinzibuckwud" which means "drawn from the woods". For a tasty twist drizzle over root vegetables, sausages, chicken & bacon. Or pour over pancakes, waffles and ice-cream. |
| Strength Guide | N/A |
| Label Barcode | 5011273024100 |
| Outer Case Label Barcode | 05011273624102 |
| Unit Weight | 620g |
| Origin Declaration | Produce of Canada. Packed in the UK. |
| Date Code Location | Ink jet date code at the neck of bottle, above back label |
| Product Coding Format | MMM/YYYY, 4 Digit Production code, line ID and packing time Example: AUG 2022 1712011B 10:17 |

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| |  |
| Product Life From Packing | BBE 24 months |
| Minimum Life On Delivery | 13.5 months |
| Storage Conditions | Ambient 18- 24 °C, away from direct sunlight and strong odours. |
| Product Life Once Opened | Use within 4 weeks |
| Post Opening Storage Conditions | Refrigerate after opening and use within 4 weeks |
| Suitable For Freezing | No |
| Delivery Conditions | Clean dry area, delivered in ambient 18 – 24 °C |

3.0 RECIPE & INGREDIENTS

| Ingredient | Sub ingredient (if ingredient is a compound material) | % in compound | Function (if applicable) | % in recipe | Supplier | Country of manufacture | Country of origin |
|-------------------------------|---|---------------|--------------------------|-------------|-------------------------|------------------------|-------------------|
| Maple Syrup | N/A | N/A | N/A | 100% | Rowse Approved Supplier | UK | Canada |
| Ingredient Declaration | N/A | | | | | | |

4.0 NUTRITIONAL INFORMATION

| NUTRIENT | per 100g | Source of Data |
|-------------------------|----------|----------------|
| Energy kJ | 1150 | Analysis |
| Energy kcals | 271 | |
| Fat (g) | <0.5 | |
| of which saturates (g) | <0.1 | |
| Carbohydrate (g) | 67 | |
| of which sugars (g) | 64 | |
| Fibre (g) | <0.5 | |
| Protein (g) | <0.5 | |
| Sodium (mg) | 12.0 | |
| Salt (sodium x 2.5) (g) | 0.03 | |

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5.0 ALLERGENS AND SENSITIVE INGREDIENTS

5.1 Allergens

| ALLERGEN | PRESENT IN PRODUCT (Yes/No) | PRESENT ON SITE (Yes/No) | CONTAMINATION RISK PRESENT (Yes/No) | DETAILS |
|--|-----------------------------|--------------------------|-------------------------------------|---------|
| Cereals containing gluten (e.g. wheat, spelt, rye, barley, oats etc) | No | No | No | |
| Crustaceans (e.g. prawns, crab, lobster, crayfish) | No | No | No | |
| Egg | No | Yes | No | |
| Fish | No | No | No | |
| Peanuts | No | No | No | |
| Nuts; namely almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nut, macadamia nut | No | No | No | |
| Soybeans | No | Yes | No | |
| Milk (including lactose) | No | Yes | No | |
| Celery (including celeriac) | No | No | No | |
| Mustard | No | No | No | |
| Sesame | No | No | No | |
| Sulphur dioxide / sulphites, where added and at a level above 10ppb in the finished product. | No | Yes | No | |
| Lupin | No | No | No | |
| Molluscs (e.g. mussels, clams, oysters, scallops, snails and squid) | No | No | No | |

5.2 Contains

| INGREDIENT | PRESENT IN PRODUCT (Yes/No) | PRESENT ON SITE (Yes/No) | CONTAMINATION RISK PRESENT (Yes/No) | DETAILS |
|---|-----------------------------|--------------------------|-------------------------------------|---------|
| Maize | No | Yes | No | |
| Additives (declared additives or processing aids) | No | Yes | No | |

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| INGREDIENT | PRESENT IN PRODUCT (Yes/No) | PRESENT ON SITE (Yes/No) | CONTAMINATION RISK PRESENT (Yes/No) | DETAILS |
|-----------------------------------|--------------------------------|-----------------------------|--|---------|
| Antioxidants | No | No | No | |
| Natural Colourings | No | No | No | |
| Artificial Colourings (incl. NI) | No | No | No | |
| Natural Flavourings | No | Yes | No | |
| Artificial Flavourings (incl. NI) | No | No | No | |
| Flavour Enhancers | No | No | No | |
| Preservatives | No | Yes | No | |
| Sweeteners | No | No | No | |
| Alcohol (abv %) | No | Yes | No | |

5.3 Other Considerations

| | Yes / No | Details if Yes |
|---|----------|----------------|
| Is the product packaged in Modified Atmosphere? | No | |
| Is this product treated using ionising radiation? | No | |
| Does this product contain Genetically Modified Ingredients? | No | |
| Is this product a possible source of phenylalanine? | No | |
| Is this product a possible source of histamines? | No | |
| Does the product contain hydrogenated fats? | No | |
| Does the product contain palm oil? | No | |

6.0 SUITABILITY DATA

| | Yes / No | Declared | Details |
|--------------------------|----------|----------|---|
| Suitable for Vegetarians | Yes | No | |
| Suitable for Vegans | Yes | No | |
| Halal Certified | No | No | |
| Kosher Certified | Yes | No | |
| Suitable for Coeliacs | Yes | No | Naturally gluten free however not tested for it |
| Organic Certified | No | No | |

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7.0 PACKAGING

7.1 Packaging details


| Packaging Item / Level | Specification | Dimension (mm) | Material | Weight (g) | % Recycled Content | Recyclable (Yes/No) |
|-----------------------------|---|---|---------------------|------------|--------------------|---------------------|
| Primary / Bottle | Clear plastic bottle 500ml Deodecagon shaped | Height 182.0 +/- 1.3 Width 68.0 +/-0.7 | PP | 35 | 30 | Yes |
| Primary / Cap | 31mm Silver Flip top cap with tamper evidence sealed inside the cap | Height 19.7 Diameter 33.4 | PP | 3.98 | 0 | Yes |
| Primary / Label | Self Adhesive wrap around pre printed label | 102 x 76 | Paper | 1.5 | 0 | Yes |
| Secondary / Tray | Cartonboard folded trays. Litho print method | 127 x 187 | Card board | 35 | 97 | Yes |
| Secondary/ Outer pack label | Self adhesive white pack label for trays | 102 x 76 | Self adhesive paper | 4 | 0 | Yes |
| Secondary | Shrink wrap for trays. Colour: Clear | 350mm (w) x 30 µm | Plastic LDPE | 5 | 30 | Yes |

7.2 Palletisation Information

| | |
|-------------------|-----|
| Units per outer | 6 |
| Outers per layer | 39 |
| Layers per pallet | 4 |
| Cases per pallet | 156 |


8.0 FINISHED PRODUCT STANDARDS

8.1 Organoleptic Evaluation

| | Acceptable | Unacceptable |
|-------------------|---|---|
| Appearance | <ul style="list-style-type: none"> The maple syrup is of a consistent uniform, clear medium amber colour. The fill should be level and above the bottom of the tamper evident seal sleeve. Air bubbles may be present in the shoulder of the jar, which may look like slight foaming. The ring of bubbles should be no more than 2mm thick. There should be no particles. The viscosity is similar to light oils. | <ul style="list-style-type: none"> Excessive aeration on shoulder of jar. Aeration: 5mm or more above the maple fill level. Very pale or very dark Mould growth. Particles evident.  |

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| |  | |
| Texture | <ul style="list-style-type: none"> • It dissolves easily in the mouth and is not tacky. • The maple syrup is smooth and not grainy with a thin fluid, pourable consistency. | <ul style="list-style-type: none"> • Crystallised • Particles present. |
| Aroma | Sweet, burnt aroma caramel typical maple syrup. | <ul style="list-style-type: none"> • Uncharacteristic off smell. • A musty fermenting smell • Lack of characteristic maple syrup smell. • |
| Flavour | <ul style="list-style-type: none"> • Sweet with a slightly burnt aftertaste. • Butter and caramel notes should dominate. | <ul style="list-style-type: none"> • Uncharacteristic off taste or taints. • Burnt. |

8.2 Quality Analysis

| Test | Frequency | Method | Accept | Reject |
|------|-------------|---------------|--------|------------|
| Brix | Every batch | Refractometer | 66-68 | <66 or >68 |

8.3 Microbiological Analysis

| Test | Method | Frequency | Units | Target | Reject |
|------------|--------|-----------|-------|--------------------|------------------|
| TVC | TP4100 | Quarterly | Cfu/g | <10000 | >10000 |
| Yeast | TP4109 | Quarterly | Cfu/g | <1000 | >1000 |
| Mould | TP4109 | Quarterly | Cfu/g | <1000 | >1000 |
| Salmonella | TP4120 | Quarterly | g | Not present in 25g | Detected in 25 g |
| Listeria | TP4152 | Quarterly | g | Not present in 25g | Detected in 25g |

8.4 Other

| | |
|------------------------------------|--|
| | |
| Certificate of Conformance: | An annual certificate of conformance can be supplied upon request. |
| Laboratory Details: | Internal: CLAS Accredited / External: UKAS Accredited |

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9.0 AUTHORISATION

| NAME | SIGNATURE | POSITION | DATE |
|-------------------|---|-----------------------------|------------|
| Caroline Thirkell |  | Specifications Technologist | 06/07/2022 |

SUMMARY OF SPECIFICATION CHANGES

| SPEC VERSION NO | DATE | SUMMARY OF AMENDS |
|-----------------|------------|---|
| 3 | 20/01/2017 | Specification transfer into new template |
| 4 | 21/03/2018 | Specification revision |
| 5 | 19/03/2021 | Specification revision |
| 6 | 23/08/2021 | Specification revision including correction of micro analysis tolerance range |
| 7 | 14/02/2022 | Full specification review. Amend Cap Colour. |
| 8 | 07/07/2022 | Contacts updated, Shrink wrap for trays added to packaging details. |

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