

## **PROVISIONAL PRODUCT SPECIFICATION SHEET**

### **OVAVO FREEZE DRIED AVOCADO POWDER**

Description: Contains 100% natural Freeze-Dried Avocado Powder. Avocado pulp is freeze dried to retain the organoleptic characteristics including flavour, colour, aroma, and nutrients. As this does not involve heat processing, it is considered a raw ingredient.

### **APPLICATIONS**

**Food Industry:** Bakery & Cereal, Dairy, Plant-based, Savoury, Nutritional

**Nutraceutical and Health Industry:** Food Supplement, Nutraceutical, Baby Food

**Cosmetic Industry:** Face, Body and Hair Products

### **RECONSTITUTION:**

30-gram Freeze-Dried Avocado Powder + 65-85 ml cold water = Avocado paste equivalent to an average New Zealand Hass Avocado

Appearance: Light green free flowing material (product colour may slightly vary from batch to batch). The powder is not milled to minimise cell disruption /oxidation, any chunks present will break down easily. A smaller, more homogenous particle size (<1mm) is available on request.

### **PACKAGING**

Packed in heat sealed foil laminate pouch, available in 900g and 4kg pack sizes.

### **STORAGE AND SHELF LIFE**

The product should be stored in the original heat-sealed pack. The recommended storage temperature is 10-25°C.

Kept in the original packaging under the recommended storage condition, the product has an optimal shelf life of 12 months from the date of production. We are currently undergoing shelf life trials to validate a 24+ month shelf life.

Once opened the product will need to be refrigerated at 4-6°C and used within 2 months.

### **HEALTH CLAIMS**

There is the potential to make the following nutritional claims under FSANZ: good source of dietary fibre, source of niacin B3, source of pantothenic acid B5, good source of vitamin B6, source of vitamin C, source of vitamin E, source of copper, source of potassium, good source of folate.

**INDICATIVE PHYSICAL AND CHEMICAL SPECIFICATIONS**

<p><b>Nutritional Information</b></p> <p>Energy 2600 - 3300 KJ/100g Ash 5- 7 % Dietary Fibre 9-11% Moisture 0 -5 % Protein 1-3% Fat 65-75 % Saturated Fat 11-14 % Unsaturated Fat 53-67 % Monosaturated Fat 46-58 % Polyunsaturated Fat 7.2- 9.2% Trans fat &lt;0.02 Total Carbohydrates 7.1 -9.1 % Sugars 1.1-1.4 %</p>	<p><b>Minerals</b></p> <p>Calcium 28 -36 mg/100g Copper 0.9-1.1 mg/100g Iron 1.1 -1.4 mg/100g Magnesium 59 -74 mg/100g Sodium 54 -69 mg/100g Zinc 1.5 -1.9 mg/100g Potassium 1200-1500 mg/100g</p>
<p><b>Vitamins</b></p> <p>Vitamin B1 0.1 -0.2 mg/100g Vitamin B2 0.08-0.11 mg/100g Vitamin B3 3.7 -4.7mg/100g Vitamin B5 1.6 - 2.1 mg/100g Vitamin B6 0.6- 0.8 mg/100g Vitamin C 19-24 mg/100g Vitamin E 7.1-9.0 mg/100g</p>	<p><b>Contaminants</b></p> <p>Arsenic &lt;0.05 mg/kg Cadmium &lt;0.2 mg/kg Mercury &lt;0.01 mg/kg Lead &lt;0.01mg/kg</p>
<p><b>Lipid Profile</b></p> <p>Omega 3 (Linolenic) 0.4% Omega 6 (Linoleic) 7.8% Omega 9 (Oleic) 42.5 % Palmitic 11.5% Palmitoleic 4.6% Stearic 0.39%</p>	<p><b>Microbiological Specification</b></p> <p>Salmonella Not detected /25g Aerobic Plate Count (35 °C) &lt;1000 cfu/g Bacillus cereus &lt;10 cfu/g Escherichia coli Not Detected/25g Faecal Coliforms &lt;3 MPN/g Staphylococcus aureus &lt;10 cfu/g Yeasts and moulds &lt;300 cfu/g</p>
<p>Pesticides - Not recovered.</p>	

**ADDITIONAL**

Further shelf-life testing for stability is in process.