

## FINISHED PRODUCT SPECIFICATION

Document Number: OPTE1006AFPS

Revision Number: 4

Formulation Reference: JMS E1006A/ E1010A –06012020V5

<b>PRODUCT</b>	Aloe vera Max Strength
<b>CODE/SIZE</b>	E1006A/500 ml
<b>BRAND</b>	Optima Aloe Pura
<b>REASON FOR REVISION</b>	Amendment of chemical and micro parameters, and revision of template.

<b>Ingredients</b>
Aloe Vera (Aloe Barbadensis) Juice Blend (Water, Concentrated Aloe vera Juice, Aloe vera Juice with Pulp) (99.55%), Antioxidant (Ascorbic acid) (0.25%), Preservative (Potassium Sorbate) (0.2%).

<b>Label Claims</b>	
<b>Active Ingredient</b>	<b>Typical Value per 25 ml</b>
Aloe vera juice	>24 ml

<b>Chemical</b>		
<b>Test</b>	<b>Target Value</b>	<b>Test Frequency</b>
pH	3 – 4.5	Every batch
Lead	≤ 3.0 mg/kg	Annual
Cadmium	≤ 1.0 mg/kg	Annual
Mercury	≤ 0.1 mg/kg	Annual

<b>Microbiological</b>			
<b>Test</b>	<b>Target Value</b>	<b>Limit</b>	<b>Test Frequency</b>
Aerobic Plate Count	≤ 20	100 cfu/g	Every batch
Coagulase Positive Staphylococcus	≤ 20 cfu/g	≤ 20 cfu/g	Every batch
Escherichia Coli	≤ 20 cfu/g	≤ 20 cfu/g	Every batch
Yeast	≤ 20 cfu/g	≤ 20 cfu/g	Every batch
Moulds	≤ 20 cfu/g	≤ 50 cfu/g	Every batch
Presumptive Enterobacteriaceae	≤ 20 cfu/g	≤ 20 cfu/g	Every batch
Presumptive Lactic Acid Bacteria	≤ 20 cfu/g	≤ 20 cfu/g	Every batch
Salmonella	ND in 25 g	ND in 25 g	Every batch

<b>Organoleptic</b>		
<b>Test</b>	<b>Target</b>	<b>Test Frequency</b>
Colour	Pale – dark yellow	Every batch
Appearance	Translucent liquid	Every batch
Odour	Earthy and characteristic of Aloe vera juice	Every batch
Flavour	Bitter, acidic, and characteristic of Aloe vera juice	Every batch

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Gross weight	
Target	Test Frequency
≥557.93 g	Every batch

Allergen Statement	
Contains	Yes/No
Celery	No
Cereals containing gluten	No
Crustaceans	No
Eggs	No
Fish	No
Lupin	No
Milk or milk products	No
Molluscs	No
Mustard	No
Tree nuts	No
Peanuts	No
Sesame beans	No
Soya beans	No
Sulphur dioxide and sulphites (concentration of > 10 ppm)	No

General Information	
Free from irradiated material	Yes
Free from genetically modified material	Yes
Suitable for vegetarians	Yes
Suitable for vegans	Yes
Formulation complies with all applicable UK and EU legislation	Yes

Storage Conditions and Shelf Life
Shelf life: 24 months from date of manufacture when stored at a temperature of 5°C - 25°C, and away from moisture and direct sunlight.

Note
Ingredients of natural origin vary in both physical and organoleptic properties, consequently the taste and appearance of products containing these may vary from batch to batch. Content and design of finished product label is the responsibility of the brand-holder.

<b>Prepared by:</b> James Connell	<b>Position:</b> Technical Project Manager
<b>Signature:</b> 	<b>Date:</b> 16/05/2020