

## FINISHED PRODUCT SPECIFICATION

Document Number: OPTE1038B

Revision Number: 4

Formulation Reference: JMS E1038B - 040319 V2

<b>PRODUCT</b>	Peppermint and Chamomile Complex
<b>CODE/SIZE</b>	E1038B/500 ml
<b>BRAND</b>	Optima Aloe Pura
<b>REASON FOR REVISION</b>	Amendment of micro and chemical parameters, and revision of template.

<b>Ingredients</b>
Aloe Vera (Aloe Barbadensis) Juice Blend (Water, Aloe Vera Juice, Concentrated Aloe Vera Juice) (99.25%), Botanical Blend (Peppermint, Papaya, Chamomile, Fennel, Bromelain) (0.3%), Antioxidant (Ascorbic Acid) (0.25%), Preservative (Potassium Sorbate) (0.2%).

<b>Label Claims</b>	
<b>Active Ingredient</b>	<b>Target Value per 25 ml</b>
Aloe vera juice	24.7 ml
Botanical blend	75 mg

<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	Straw – beige	Every batch
Appearance	Cloudy liquid with evidence of particulate	Every batch
Odour	Characteristic of Aloe vera with herbal notes	Every batch
Flavour	Bitter, acidic and characteristic of Aloe and peppermint	Every batch

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Gross weight	
Target	Test Frequency
547.32 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.

Prepared by: James Connell	Position: Technical Project Manager
Signature: 	Date: 19/06/2020