

ALOE PLAQUE DEFENSE TOOTHPASTE

Defend against plaque with Aloe Plaque Defense Toothpaste. Enriched with aloe vera, this toothpaste effectively fights plaque buildup for a healthier smile.

Item	Ingredient	Wt%
A	Deionized Water	23.00
	Aloe vera concentrate 10x	0.59
	Chondrus crispus Extract .Viscarin GP 209	1.00
	Deionized Water	5.00
	Sodium Saccharin	0.25
	Sodium Monofluorophosphate	0.76
	Sorbitol (Sol. 70%)	25.00
	PEG-8	4.00
B	Tetrasodium Pyrophosphate	1.75
	Tetrapotassium Pyrophosphate	1.75
	Hydrated Silica Tixosil 73	7.00
	Hydrated Silica Tixosil 43	7.00
	Silica Aerosil 200	1.00
	Sodium Bicarbonate	11.00
C	Sorbitol (Sol. 70%)	2.00
	Titanium Dioxide. A310 Tudor Aspen	0.50
D	Demin. Water	4.50
	<u>INNOALOE ALOE VERA GEL CONCENTRATE 10:1</u>	0.50
E	Quillaja saponaria Extract Andean QD Ultra Powder Natural surfactant	2.00
	Aroma	1.20
	Triclosan . Irgasan DP 300	0.20



Procedure:

Preliminary phases

Phase C: Mix the ingredients until homogeneous suspension;

Phase D: Mix the ingredients until clear solution under cupboard; excessive foam formation must be avoided.

Phase E: Mix the ingredients until clear solution;

Addition scheme

1) In main mixer, add Viscarin PC 209 to water and homogenize with turbine and blades, under vacuum, for 10', then heat the phase to 65°C, always under vacuum. At this temperature, homogenize with turbine and blades under vacuum for 10'. Sample and check homogeneity.

2) In a side mixer add ingredients A1, mixing until clear solution after each addition.

3) Add phase A1 to phase A and homogenize with turbine and blades for 10' while starting to cool to room temperature.

4) Add, in sequence, ingredients B and homogenize with turbine and blades for 10' after each addition. Check homogeneity of the phase after each addition.

5) Add, in sequence, phases C, D and E while mixing with blades under vacuum for 5' after each addition. Take a sample for analytical controls.

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