NATURAL GEL TOOTHPASTE

NEW

Cosphatec

300.123.1.1

GENTLE CLEANSING. ANTI-PLAQUE. FLUORIDE-FREE.

ALL NATURAL INGREDIENTS

Alternative preservation: Cosphaderm® Zinc Lactate natural, Cosphaderm® GMCY

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	45.10
A	Glycerin		Glycerin	-	7.00
A	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
A	Cosphaderm® Zinc Lactate natural	✓	Zinc Lactate	Cosphatec GmbH	0.50
A	Potassium Citrate		Potassium Chloride	-	0.50
B	Sorbitol (70%)		Sorbitol, Aqua	-	35.00
C	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	6.00
C	Menthol		Menthol	-	0.10
C	Cosphaderm® GMCY	✓	Glyceryl Caprylate	Cosphatec GmbH	0.30
C	Perlastan® SC		Disodium/Sodium Cocoyl Glutamate	Schill + Seilacher Struktol GmbH	2.00
D	Silica		Silica	-	3.00

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A. Pre-dissolve Cosphaderm® X 34 in glycerol and it to phase A. Stir until completely dissolved.
PhaseB: Add phase B to phase A.
Phase C: Pre-dissolve menthol in Cosphaderm® Propanediol natural and then add to phase A+B with the other raw materials.
Phase D: Add phase D and mix homogeneously.
Adjust pH value to 6.8-7.0.

SPECIFICATION

Appearance: Transparent, high viscous gel
pH: 6.8 – 7.0
Stability: No separation after centrifugation (4000 rpm, 30 min), stable for 3 months at room temperature and 40 °C
Microbiological stability: proven

Disclaimer: This formulation proposal and our technical application advice are given to the best of our knowledge, but it is for information purposes only and no responsibility is assumed.

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