Mouthwash

FORMULATION WITH TRADITIONAL PRESERVATIVES

with Kalhygienic oris

Method:

Mix the different ingredients of phase A in order to obtain a homogeneous solution.
At the same time mix the ingredients of phase B until completely dissolved. Combine the ingredients of phase A and B. In parallel, mix the two ingredients of phase C in a beaker. Combine ingredients from phase A, B and C and mix the solution for about 10 minutes. Add the ingredient of phase D to the solution, leave it in stirring for a few minutes. Add phase E, then leave in stirring until completely dissolved. Meanwhile, weigh and add phase F. Add the G phase component, mix and measure the pH. The pH must be greater than 6,5. Then weigh and add the ingredient of phase H.
At the same time prepare a solution of the ingredients of phase I, leave to stir for a few minutes. Then add the latter to the resulting solution. Measure pH. The optimal pH value should be greater than 6,5.

Description:

Kalhygienic Oris is a patented specialty composed of biomimetic hydroxyapatite functionalized with a cationic surfactant. It promotes long lasting bio-protection and hygiene (5 hours protection after single application).
It alters morphology and viability of Coronavirus and pathogen bacteria, with 99% reduction of the infectivity index.
Ideal to make oral care products that boost and support the action of toothpaste and mouthwash in caries prevention, halitosis and gingiva health .

Formulation

KALHYGIENIC Oris

MAIN FEATURES

- TOOTH REMINERALIZATION
- LONG LASTING (5 HOURS)
- INTERNATIONAL PATENT
- FUNCTIONALIZED BIOMIMETIC HAP

PHASE	COMERCIAL NAME	INCI NAME	%
A	KALHYGIENIC ORIS	HYDROXYAPATITE (AND) CETYLPYRIDINIUM CHLORIDE	3,00
A	GLYCEROL	GLYCERIN	6,00
A	ZEMEA	PROPANEDIOL	5,00
B	ARISTOFLEX AVS	SODIUM ACRYLOYLDIMETHYLTAURATE/VP CROSSPOLYMER	0,30
B	AQUA	AQUA	81,00
C	PEG-40 HYDROGENATED CASTOR OIL	PEG-40 HYDROGENATED CASTOR OIL	0,10
C	PEPPERMINT SENSE	FLAVOUR	0,30
D	SACCHARIN SODIUM BP	SODIUM SACCHARIN	0,15
E	CPC SOLUTION (FRESHSTAT)	CETYLPYRIDINIUM CHLORIDE (AND) PROPYLENE GLICOL	0,20
F	2- PHENOXYETHANOL	PHENOXYETHANOL	0,80
G	CITRIC ACID SOLUTION 10%	CITRIC ACID	0,01
H	XYLITOL	XYLITOL	1,00
I	SODIUM PHOSPHATE ANHYDROUS	SODIUM PHOSPHATE	0,10
I	AQUA	AQUA	1,50