

Lab Test Cosmetic Formulation

Description:

Shampoo pH 5.5 - K327PF - OPM544

Id Formula:

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Composition

Ingredients:	%Wt	Function	Supplier
1. Deionized Water INCI Deionized Water	54,72	Solvent	Other
2. DER K327 PF INCI Polyquaternium-7	1,00	conditioning polymer	Derypol
3. Surfactant A2725 INCI Sodium Laureth Sulfate	35,00	Surfactant, cleansing, foaming	Quimidroga
4. Coco Amido Propil Betaina 30% INCI Cocamidopropyl Betaine	5,00	Anionic surfactant	Barcelonesa
5. Citric Acid (solid) INCI Citric Acid	0,13	buffering, chelating	Fischer Scientific
6. Astro DM INCI Dimethyl dimethynol hydantoin	0,50	Preservative	Quaternia
7. Sodium Chloride INCI Sodium Chloride	2,00	Viscosity controlling, bulking	Other
8. Deionized Water INCI Deionized Water	1,32	Solvent	Other
9. OPM 544 INCI Styrene / Acrylates Copolymer	0,33	Opacifier	Derypol

Procedure:

1. Add DER K327PF to deionized water
2. Add Sodium Laureth Sulphate with moderate mixing
3. Add Cocamidopropyl Betaine.
4. Add Citric Acid.
5. Add Sodium Benzoate.
6. Add Sodium Chloride.
7. Check pH and adjust it if necessary to pH 5.4 - 5.6
8. Dilute OPM544 in the remaining water and add it to the formulation.