

Aloe Vera Aqua Beads Hydrating Gel

Immerse your hair in a refreshing aquatic experience with our Hydrating Aloe Vera Gel featuring suspended beads. Enriched with the hydrating properties of aloe vera, this gel provides a burst of moisture while the suspended beads deliver additional nourishment to your hair.

Item	Ingredient	Wt%
A	Deionized water	86.9
	Disodium EDTA	0.0
	Carbopol Ultrez 21 Polymer (Lubrizol) (Acrylates/C10-30 alkyl acrylate crosspolymer)	0.4
	Methyl gluceth-20	1.0
	Butylene glycol	3.0
	Polyquaternium-39	0.3
	Sodium PCA 0.50%	0.5
	Shiseido sodium hyaluronate Powder (Shiseido) (Sodium hyaluronate (1% aqueous solution))	2.0
	PEG-12 dimethicone (Dow Corning 193C)	3.0
	Sodium hydroxide (18%)	0.4
	Innovaloe Aloe Vera Juice 1X (AMB)	2.0
	Phenonip (Clariant) (Phenoxyethanol, methyl-, ethyl-, butyl-, propyl-, (and) isobutylparaben)	0.2
	LipoSphere 0290 (Lipo Chemicals/Dow Corning) (Helianthus annuus, retinyl palmitate, tocopheryl acetate, agar, aqua, (and) CI 77289)	0.3



Procedure:

Dissolve disodium EDTA in deionized water. Disperse Carbopol Ultrez 21 Polymer on the surface of deionized water. When the polymer is fully wetted, mix batch (200-300 rpm) and slowly add Glucam E-20 humectant and butylene glycol. Mix until uniform. Neutralize the batch with phase B. Mix until uniform. Decrease the mixing speed to 100-200 rpm. Make a 1% TS solution of sodium hyaluronate. Sequentially add the components of phase C to batch. Mix until uniform. Continue mixing and add phase D ingredients. Mix until uniform. Slowly add the beads into the gel (0.30g : 100g gel) through slow agitation (50 rpm).

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