



FORMULA 01-1092

Lime Mint Flavored Aloe Water

Beverages containing aloe vera continue to grow in popularity as consumers become more aware of the potential health benefits that aloe vera may provide. Aloe vera can be easily added to a variety of beverage formulations as a complementary ingredient. Aloe vera contains more than 75 active compounds¹ including vitamins, minerals, and polysaccharides.

Aloe vera Inner Leaf 200x spray dried #705AQ is:

- Organic
- Processed from the inner fillet of the leaf
- Spray dried
- Treated to reduce aloin content (< 5 ppm)
- 100% water soluble

Ingredient	weight %
Aloe vera Inner Leaf Spray-Dried Powder 200x (organic)	0.10
Lime juice concentrate 400 GPL	0.40
Citric Acid	0.06
Agave nectar	2.00
Ingredion Enliten® 300000 Reb A (stevia extract)	0.02
Aqualon™ 9M31F cellulose gum	0.06
Tastepoint by IFF Natural Spearmint Flavor #18540	0.05
Tastepoint by IFF Natural & Artificial Lime Flavor #20490	0.10
Vitamin premix*	0.06
Water	97.16

*Premix contains Vitamin B6 (Pyridoxine hydrochloride), Vitamin B12, Vitamin C (Calcium ascorbate), Vitamin B3 (Niacinamide), Vitamin B5 (Pantothenic acid), and Potassium.

Target brix: 2.1
Target pH: 3.5

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Procedure

1. Dry blend aloe vera powder, citric acid, stevia extract, vitamin premix, and Aqualon™ 9M31F cellulose gum.
2. In a separate vessel, combine lime juice concentrate, agave nectar, spearmint flavor, lime flavor, and water.
3. Using overhead stirrer, slowly add dry ingredients into liquids with continuous mixing for 20-30 minutes. This ensures full hydration of the cellulose gum.
4. Pasteurize using Microthermics™ UHT/HTST machine at 1 liter/min and 105°C (220°F).
5. Hot-fill into PET bottles and immediately place into ice water bath to cool below 43°C (110°F). Serve cold.

¹Source: *Indian J Dermatol.*, 2008, 53(4), 163–166.