



Aloe Queen, Inc.
2601 Zinnia Ave
McAllen, TX 78504
Office: 956-631-8869
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TECHNICAL DATA SHEET
Aloe Vera Gel 10X
(Inner Leaf)
INCI Name: Aloe Barbadensis Leaf Juice

CAS RN: 94349-62-9

EINECS N: 305-181-2

PRODUCT CODE:

AQGD10

SPECIFICATIONS

APPEARANCE: Yellow-Green Liquid

ODOR: Light Vegetable

pH: 3.5-4.5

SPECIFIC GRAVITY (1:199): 1.022-1.032

TOTAL ALOE SOLIDS: 4.6% Minimum

MICROBIAL ASSAY

TOTAL PLATE COUNT: < 10 cfu/g

YEAST AND MOLD: < 10 cfu/g

No Pathogens Present

All testing is performed at 25° C unless otherwise noted.

PACKAGING: 55 Gallon (470 lbs/213 kg)

PRESERVATIVES: Potassium Sorbate- 0.10%
Sodium Benzoate- 0.10%

CERTIFICATIONS:

- International Aloe Science Council (IASC)
- Generally Recognized as Safe (GRAS) Self-Affirmed
- Certified KA Kosher
- Fair Trade Certified



CAUTIONS:

This is a natural product which will darken with age. Slight fallout may occur over time. Protect from oxidation. Store at room temperature. Shelf life: 2 years from date of manufacture (unopened container).

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www.aloequeen.com



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Aloe Vera Gel 10X Decolorized

Polysaccharides in Aloe Vera play a crucial role in its benefits. Scientists agree that, while the total polysaccharide content is important, more important is the Molecular Weight Distribution (MWD) of those polysaccharides.

The point of differentiation between suppliers of Aloe Vera should be how their Molecular Weight Distribution compares to what is typically found in the leaf before harvesting.

<u>MOLECULAR WEIGHT (DALTONS)</u>		<u>FRESH LEAF</u>	<u>13 LOT AVERAGE</u>
		<u>%</u>	<u>%</u>
Very Large	> 2,000,000	53	46
Large	1,000,000-2,000,000	19	17
Medium-Large	150,000-1,000,000	24	23
Medium	50,000-150,000	8	7
Small	<50,000	6	4
Total Polysaccharides		11.76	10.47

APPLICATION EXAMPLES:

COSMECEUTICALS/NUTRACOSMETICS

- Functional Skin Care/Cosmetics

O.T.C. PHARMACEUTICALS

- Topical Analgesics/Anesthetics
- Hydrocortisone Creams
- First Aid Sprays/Creams/Gels
- Anti-Acne Preparations
- Toothpastes/Oral Rinses

FOOD AND BEVERAGE

- Health Drinks
- Juice Blends
- Health Foods
- Drinks
- Encapsulation

SKIN AND HAIR CARE

- Glamour Cosmetics (Hydrophilic)
- Sun Care and After Sun Products
- Hand and Body Lotions/Gels
- Skin Cleansers/Moisturizers
- Bath and Body Products
- Shampoos and Conditioners
- Shaving/Depilatory Preparations
- Bath Powders

WHAT PERCENTAGE TO USE?

- Recommend the use of 6-15% for cosmetics and 25-100% beverage applications
- Eight to Ten ounces (SSE) twice daily is the recommended beverage dose. May be added to fruit or vegetable juices to enhance flavor

GUARANTEES

- BSE/TSE-free
- GMO-free
- Pesticide-free
- No animal testing