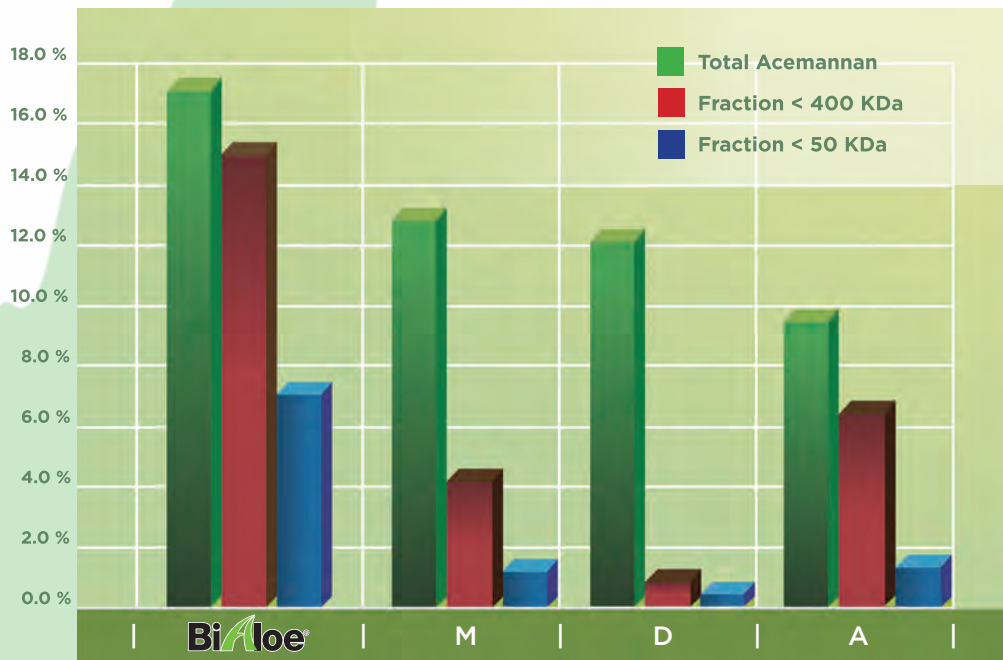


## BiAloe® Highest Quality Aloe Vera Made

Experts agree that Acemannan (a.k.a. poly acetyl mannose) is the active ingredient in Aloe vera L (Aloe barbadensis Miller). BiAloe® is the highest quality, most bio-available (in Blue), most immunomodulatory (in Red) and the highest total (in Green) Acemannan from Aloe vera L. made today. Farming, harvesting, processing, and packaging affect Acemannan content and the bioavailability of the Acemannan. BiAloe® is Organic Inner Leaf Aloe vera Powder.

### BiAloe® is Organic Aloe vera Inner Leaf Freeze Dried Powder.

- **HIGHEST Total Acemannan - On Average 18%**
- **HIGHEST Immunomodulatory Acemannan < 400 KDa**
- **HIGHEST Bio-available Acemannan < 50 KDa**
- **FULL SPECTRUM of Molecular Weight Polysaccharides**
- **HIGHEST Polysaccharide Content - On Average 20%**



<b>Total Acemannan</b>	<b>17.4%</b>	<b>12.7%</b>	<b>12.1%</b>	<b>9.9%</b>
<b>Fraction &lt; 400 KDa</b>	<b>15.1%</b>	<b>4.1%</b>	<b>1.2%</b>	<b>6.3%</b>
<b>Fraction &lt; 50 KDa</b>	<b>7.1%</b>	<b>1.6%</b>	<b>0.3%</b>	<b>1.8%</b>

### *Polysaccharides between 400 and 5 KDa exhibit the most potent immunomodulatory activity.*

Im SA, Oh ST, Song S, et al. Identification of optimal molecular size of modified Aloe polysaccharides with maximum immunomodulatory activity. International Immunopharmacology. 2005;5(2):271-279.

**Materials and Methods:** Samples A, B, D & M were ranked based upon their respective Total Acemannan. Numerous "other" samples were tested; however, they did not qualify for inclusion in the table since they lacked the full range of immunomodulatory Acemannan. For each sample listed, the Total Acemannan was calculated using the "o-acetyl method" then checked against the SEC (size exclusion chromatography) for accuracy using total polysaccharides as the marker. The SEC data was also used to determine the Fraction < 50 KDa and the Fraction < 400 KDa. Both tests were performed by different independent laboratories using blind samples.



The Perfection of Aloe Vera Processing™

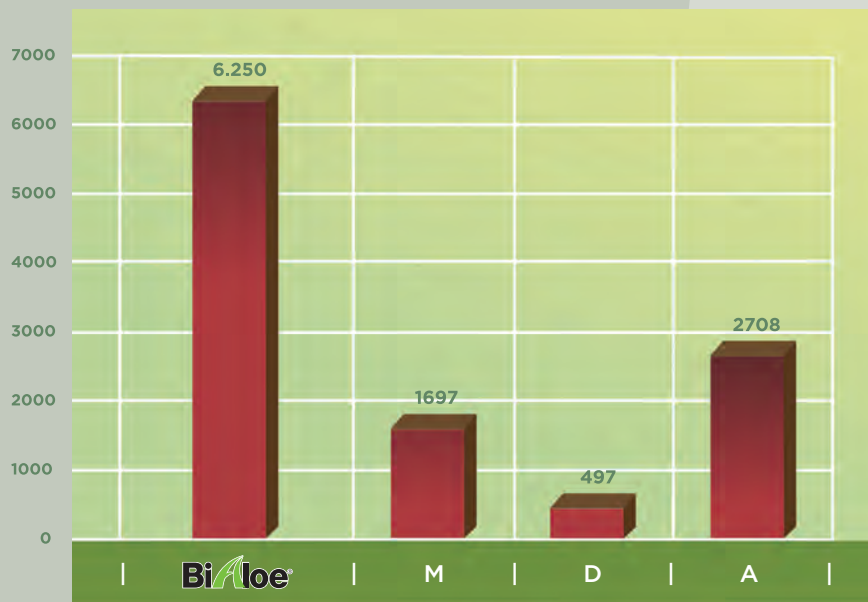
### Most Cost-Effective Aloe Vera

BiAloe® is, by far, the most cost-effective Aloe vera on the market when you consider the number of “servings” it delivers per Kilo versus other Aloe vera where a “serving” represents the recommended daily intake of 26.8 milligrams of immunomodulatory Acemannan per day<sup>1</sup>. Comparing “same to same” of immunomodulatory Acemannan to immunomodulatory Acemannan, it becomes readily apparent that much less BiAloe® is required to achieve the same, or greater, efficacy. Said another way, it would take 3 to 10

times the amount of other available “Flagship” Aloe vera to achieve the same results as BiAloe®.

The following graph indicates the number of servings that can be obtained per Kilo of BiAloe® compared with other popular Aloe vera. Then, by using the formula below, you can calculate the true cost of your Aloe vera based on the number of efficacious “servings” delivered per Kilo. BiAloe® is clearly the most cost-effective Aloe vera made!

Serving per Kilo of Flagship Aloe vera



#### Calculation of cost per serving:

$$\frac{\text{Cost of Kilo of BiAloe®}}{6,250 \text{ Servings/Kilo}}$$

vs.

$$\frac{\text{Cost of a Kilo of Other Aloe}}{\text{Servings/Kilo of Other Aloe}}$$

#### 1. SOURCES:

- a) McAnalley B.H. The Science Behind Aloe: The Healing Plant. P.62, 2009.
- b) Aboagye E, Peterson M. Pharmacokinetics, Excretion and Tissue Distribution of Radioactivity following a single Oral Administration of a 14C Bulk Pharmaceutical Mannan to Male and Female dogs and Excretions of Radioactivity in male Rats. Madison, Wisconsin: Corning Hazleton Inc. 1996.
- c) Tai-Nin Chow J, Williamson DA, Yates KM, Goux WJ. Chemical characterization of the immunomodulating polysaccharide of Aloe vera L. Carbohydr Res. 2005 May 2;340(6):1131-42.



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