

ANTI-AGING/MOISTURIZING ACTIVE INGREDIENTS Product Bulletin

KROMACTIVE ALOE FREEZE DRIED POWDER

INCI Name: Aloe Barbadensis

Product Identification

INCI Name: Aloe Barbadensis
CAS number: 85507-69-3

Kromactive ALOE FREEZE DRIED is 200:1 standardized (on Aloeverose according to IASC) aloe barbadensis miller extract. This product is extracted from the fresh aloe vera leaves, after the washing, sterilizing, peeling, in the first step and extracted by the modern juice extractor in the second. The extracted juice is then decolorized and filtered. The filtered juice is separated by our machine with organic membrane at the normal temperature. After the process of membrane separation, the product is freeze dried to be made 200:1 Aloe Vera Gel Spray Dried Powder.

Typical properties (not intended as product specification)

Appearance	clear to off-white powder
Odour	a characteristic odour and a sour, bitter taste
Aloeverose or Acemannan (ppm)	80.000
Aloin (ppm)	8,00
Absorbance [0.5%,400nm]	0,10
Moisture [%]	8,00
pH [0.5%]	3,5-5,0
Total Heavy Metals (ppm)	< 10

Microbiology Testing

Total Bacterial Count [cfu/g]	100
Coliform [MPN/100g]	Negative
Mildew, Microzyme [cfu/g]	10
Pathogenic Bacterium	Negative

Storage & Handlings

Storage: keep in cool and dry place avoiding the light and damp and protect from oxidation. The product is a natural aloe preparation, which will turn dark after long storage.

Shelf Life: 2 years when properly stored. Use as fast as possible once it is opened.