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# **TECHNICAL DATA SHEET**

INNOVALOE ALOE VERA GEL CONCENTRATE 20:1 FSSC 22000 INCI NAME : ALOE BARBADENSIS LEAF JUICE CAS NUMBER : 85507-69-3 PRODUCT CODE : 0715

Organoleptic	Specification	Analitic Method
Appearance	CLEAR LIQUID	VISUAL
Color Visual	VERY LIGHT AMBER	VISUAL
Odor	TYPICAL OF ALOE	ORGANOLEPTIC
Taste	TYPICAL OF ALOE	ORGANOLEPTIC
Physicochemical	Specification	Analitic Method
Color Gardner	2 - 4	CPA-026
pH*	3.5 - 5.0	CPA-002
Total Solids	10.0- 10.5%	CPA-007
Aloin Content*	NMT 0.1 PPM	UPLC UV
Microbiological	Specification	Analitic Method
Aerobic Plate Count	NMT 100 CFU/ML	BAM-FDA: 2007 CH. 3
Mold And Yeast	NMT 100 CFU/ML	BAM-FDA: 2007 CH. 18
Coliforms	NEGATIVE	BAM-FDA: 2007 CH. 4
Pathogens	NEGATIVE	BAM-FDA: 2007 CH. 5
Other Analysis	Specification	Analitic Method
Preservatives	NONE	NMR

\*DETERMINED IN A 0.5% TOTAL SOLIDS SOLUTION.

### PRESERVATIVE SYSTEM

0.1% SODIUM BENZOATE0.1% POTASSIUM SORBATE0.1% CITRIC ACID0.025% ASCORBIC ACID



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### SHELF LIFE:

12 months after date of production in an unopened container on a fresh and dry place and out of the exposure of the sunlight to avoid oxidation.

18 months after date of production when refrigerated from 0°C - 2°C in an unopened container and out of the exposure of the sunlight to avoid oxidation.

Once the packaging of any Aloe Vera product is opened the product enters into contact with air's humidity and microbes, so it is recommended to use the whole product amount to avoid the spoilage of it.

As it is natural product it may change color and precipitation can occur after a period of time.

#### PACKAGING:

Standard packaging: HDPE drum, closed top, Food grade FDA approved.

#### STORAGE AND HANDLING CONDITIONS:

In case the whole product is not used, it is recommended to store it in a refrigerated warehouse at a temperature of 0° to 2° C or frozen at -18°C until the next use. We strongly suggest not to take back to the original container unused portions of the product that have been exposed to the environment.

Once the packaging of the product is opened, shelf life is not guaranteed and it is the costumer's responsibility to avoid spoilage. Aseptic techniques are mandatory for sampling and industrial use.