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# **TECHNICAL DATA SHEET**

INNOVALOE ALOE VERA GEL CONCENTRATE 30:1 IASC INCI NAME : ALOE BARBADENSIS LEAF JUICE CAS NUMBER : 85507-69-3 PRODUCT CODE : 0708

| 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              |
| рН*                 | 3.5 - 5.0        | CPA-002              |
| Total Solids        | 15.0 - 15.5%     | CPA-007              |
| Specific Gravity*   | 1.002 - 1.020    | CPA-022              |
| 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.



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## SHELF LIFE:

6 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.

12 months after date of production when frozen at -18°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.

