

## HALLA HONEY EXTRACT

### GENERAL DESCRIPTION FOR RAW MATERIAL

**Halla Honey** is collected from more than 1800 species of flowers growing in Halla Mountain of Jeju Island which is the highest mountain in South Korea. Halla Honey has contained various beneficial ingredients in the body such as glucose vitamins and minerals.



### TECHNICAL INFORMATION

#### Product specification

|                               |                        |
|-------------------------------|------------------------|
| Appearance                    | Colorless clear liquid |
| Odor                          | Typical                |
| pH                            | 3.5 ~ 5.5              |
| Specific Gravity (d20/20)     | 0.990 ~ 1.030          |
| Dry Residue (1g, 105 °C, 3hr) | 1.5 ~ 4.0%             |
| Total bacterial count         | Not more than 100cfu/g |
| Yeast & molds                 | Not more than 10cfu/g  |

#### Processing & Dosage

The recommended dosage of HALLA HONEY EXTRACT is 1.0% ~ 5.0%. HALLA HONEY EXTRACT is a water-soluble active ingredient. In order not to disturb the structure and conformation of the actives, it is recommended to incorporate it into formula at the last phase of the formulation at about 40°C.

## Storage & Shelf life

HALLA HONEY EXTRACT should be stored at room temperature in a tightly closed and lightproof package. If stored in these appropriate conditions the shelf life is at least 24 months. Once the original packing is opened, it is highly recommended to use at once.

## Safety information

*Honey* use and production has a long and varied history. The main uses of honey are in cooking, baking, desserts, and as an addition to various beverages, such as tea, and as a sweetener in some commercial beverages. Therefore, *Honey* is generally believed as a safe material for cosmetic use

## PRODUCT INFORMATION

|                  |                                 |
|------------------|---------------------------------|
| TRADE NAME       | HALLA HONEY<br>EXTRACT          |
| INCI NAME        | COMPOSITION<br>(INCI Key Index) |
| WATER            | A                               |
| BUTYLENE GLYCOL  | D                               |
| HONEY EXTRACT    | E                               |
| PHENONIP         | F                               |
| STANDARD PACKAGE | 20KG                            |

|  |
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| <b>INCI Key Index</b>                              |
| A : Greater than 50%                               |
| B : Greater than 25% but less than or equal to 50% |
| C : Greater than 10% but less than or equal to 25% |
| D : Greater than 5% but less than or equal to 10%  |
| E : Greater than 1% but less than or equal to 5%   |
| F : Greater than 0.1% but less than or equal to 1% |
| G : Less than or equal to 0.1%                     |

## Remarks

The content of this document was established with utmost possible care. However, we reserve the right to add the information, to correct or to delete it without prior notice.