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## **TECHNICAL DATA SHEET**

|                       |  |
|-----------------------|--|
| <b>Product Name</b>   | <b>ROSE HYDROSOL</b>                   |
| <b>Botanical Name</b> | Rosa damascena                         |
| <b>Product Code</b>   | PFW3051                                |
| <b>CAS #</b>          | 90106-38-0                             |
| <b>EINECS #</b>       | 290-260-3                              |
| <b>INCI Name</b>      | Rosa Damascena (Rose) Distillate Water |

|                          |                          |
|--------------------------|--------------------------|
| <b>Part Used</b>         | Flower Petals            |
| <b>Extraction Method</b> | Steam Distilled Hydrosol |
| <b>Quality</b>           | 100% Pure and Natural    |

| <b><u>PROPERTIES</u></b>       | <b><u>SPECIFICATIONS</u></b>                          |
|--------------------------------|---|
| <b>Appearance</b>              | Clear colorless to slightly cloudy liquid             |
| <b>Odour</b>                   | Mild floral aroma of fresh roses                      |
| <b>Specific Gravity (g/mL)</b> | 0.980 - 1.020 @ 25°C                                  |
| <b>Refractive Index</b>        | 1.300 - 1.350 @ 20°C                                  |
| <b>pH</b>                      | 4.50 - 7.00   |
| <b>Solubility</b>              | Soluble in water and alcohol; Insoluble in fixed oils |

| <b><u>HEAVY METAL TESTS</u></b> | <b><u>SPECIFICATIONS</u></b> |
|---------------------------------|------------------------------|
| <b>Lead (Pb)</b>                | na                           |
| <b>Cadmium (Cd)</b>             | na                           |
| <b>Copper (Cu)</b>              | na                           |
| <b>Arsenic (As)</b>             | na                           |
| <b>Mercury (Hg)</b>             | na                           |

| <b><u>MICROBIAL ANALYSIS</u></b>          | <b><u>SPECIFICATIONS</u></b> | <b><u>STANDARDS</u></b> |
|---|------------------------------|-------------------------|
| <b>Aerobic Mesophilic Bacterial Count</b> | < 1000 CFU/g                 | ISO 21149               |
| <b>Yeast and Mould</b>                    | < 100 CFU/g                  | ISO 16212               |

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## **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight. These are best stored in the refrigerator. When stored for more than 15 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

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