

### TECHNICAL DATA SHEET

<b>Product Name</b>	<b>CARNATION HYDROSOL</b>
<b>Botanical Name</b>	Dianthus caryophyllus
<b>Product Code</b>	PFW3123
<b>CAS #</b>	89958-29-2
<b>EINECS #</b>	289-653-2
<b>INCI Name</b>	Dianthus Caryophyllus Flower Water

<b>Part Used</b>	Flowers
<b>Extraction Method</b>	Steam Distilled Hydrosol
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Clear colorless to slightly cloudy liquid
<b>Odour</b>	Rich, honey-sweet, floral odour
<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

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

#### **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 24 months, quality should be checked before use.

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

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