

TECHNICAL DATA SHEET

Product Name	BLACK SPRUCE HYDOSOL
Botanical Name	Picea mariana
Product Code	PFW3004
CAS #	91722-19-9
EINECS #	294-420-3
INCI Name	Picea mariana (Black Spruce) Distillate Water

Part Used	Needles and Twigs
Extraction Method	Steam Distilled Hydrosol
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Clear colorless to slightly cloudy liquid
Odour	Fresh, woody, resinous, slightly balsamic aroma
Specific Gravity (g/mL)	0.980 - 1.020 @ 25°C
Refractive Index	1.300 - 1.350 @ 20°C
pH	4.50 - 7.00
Solubility	Soluble in water and alcohol; Insoluble in fixed oils

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