

Description

Mediterranean bay is an evergreen tree which grows up to 20 meters. Its leaves are green/dark green, glossy, 5-10 cm long and 2-5 cm wide and fruits are black, small and olive-like. It is indigenous to the Mediterranean but widely cultivated in Europe and USA as an ornamental and medicinal plant.

Bay leaf hydrosol (hydrolat or floral water) is obtained naturally during the unpressurised steam distillation process of bay leaves. It contains approximately 0.05% to %0.30 bay leaf essential oil.

Product details

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| Extraction method: | Steam distillation |
| Place of manufacture: | Turkey |
| Date of manufacture: | September 2019 |
| Plant part(s) used: | Leaves |
| Storage: | Closed food-grade HDPE containers, at room temperature, protected from air and light |
| Shelf life: | 2 years before opening |
| Uses: | Cosmetics, aromatherapy |

Bay Leaf Hydrosol

Plant details

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|---------------------------|---|
| Botanical name: | <i>Laurus nobilis</i> L. |
| Family: | Lauraceae |
| Common name(s): | Mediterranean bay, sweet bay, bay laurel, true laurel, Grecian laurel |
| Geographic origin: | South-west Turkey / alt. 300-600 mt. |
| Cultivation: | Wildcrafted |
| Harvest season: | September 2019 |

Organoleptic Properties

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| Odour: | Fresh, herbaceous, camphoraceous |
| Appearance: | Colourless to slightly cloudy liquid |
| Solubility: | Soluble in water and alcohol, insoluble in fixed (carrier) oils |

Physiochemical Properties

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|--------------------------|------------------------------|
| Refractive Index: | 1.300 – 1.350 (at 20°C) |
| Specific gravity: | 0.980 – 1.020 (g/mL at 20°C) |
| pH: | 4.8 – 5.3 |

Chemical and Flavour Inventories

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|-------------------|--------------------------------|------------------------|-------------------|
| CAS #: | 84603-73-6 | EC #: | 283-272-5 |
| INCI name: | Laurus nobilis leaf/stem water | INCI functions: | Skin conditioning |

