

PAVAN

Mehndi Maestro

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Original Brown Henna Certificate of Analysis

Physical/Chemical Characteristics & Stability of the Cosmetic Product

Physical Description of the Product

Aroma Colour Taste pH of Product Viscosity Specific Gravity Stability

AQUA HENNA

EUCALYPTUS GLOBULUS LEAF OIL

Paste

Characteristic Brown/Green N/A4.7

N/AN/AThe product has passed a stability test. Test report attached.

INCI

Physical Description

Clear, odourless, tasteless liquid Greenish-grey powder

Colourless to pale yellow liquid

Chemical description

H₂O

The natural constituents of Lawsonia inermis are essential oils, 1,4-naphthoquinone, tannins, gallic acid, flavonoids, lipids, sugars, triacontyl tridecanoate, mannitol, xanthenes, coumarins (5-alkyloxy 7-hydroxycoumarin), 2-3% resins, 5-10% tannic ingredients and up to 2% Lawsone (2-hydroxy-1,4-naphthoquinone). Lawsonia inermis is partially soluble in water with varying degree of solubility, depending upon the composition of the sample.

main chemical components of eucalyptus oil: 1,8-cineole (>70% pharmaceutical grade), pinene, b-pinene, a-phellandrene, limonene, terpinen-4-ol, aromadendrene, epiglobulol, piperitone and globulol

Molecular formula of cineole (eucalyptol): C₁₀H₁₈O Molecular weight: 154.25 Boiling point

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of cineole (eucalyptol): 176°C to 177°C.

Density of cineole (eucalyptol) 0.921 to 0.923 Solubility: Insoluble in water

Soluble 1 in 5 of alcohol 70%,

Miscible with alcohol (90%), dehydrated

alcohol, oils, fats and paraffins Miscible with ether, chloroform,

glacial

acetic acid Angular Rotation: -5 Deg to +10 Deg