



## Hydrosol Report

Common Name

**Bayberry**

Total Volatile Compounds  
(Concentration)

**247** mg/L

Number of  
Components Identified

**80**

Botanical Name

***Myrica pensylvanica***

Country of Origin

**Canada**

Adulterated or Contain synthetic Ingredients

ID# **474**

**CHI1352**

### Major Components from GC (Full report upon request)

Dillapiol	44.93 mg/L
Oleic Acid	40.88 mg/L
Linalool	31.29 mg/L
$\alpha$ -Bisabolol	24.18 mg/L
$\alpha$ -Terpineol	19.83 mg/L
$\beta$ -Caryophyllene	7.46 mg/L
Carvone	5.93 mg/L
1,8-Cineole	5.36 mg/L
Nerolidol	5.24 mg/L
Aromatic Component	4.2 mg/L
Limonene	3.85 mg/L

Apiol	3.26 mg/L
$\beta$ -Bisabolene	2.96 mg/L
Terpinen-4-ol	2.87 mg/L
$\alpha$ -Humulene	2.79 mg/L
trans- $\beta$ -Ocimene	2.69 mg/L
trans-Linalool oxide (pyranic)	2.47 mg/L
$\alpha$ -Terpinene	2.47 mg/L
$\beta$ -Myrcene	2.4 mg/L
Geraniol	2.37 mg/L
Terpinolene	2.17 mg/L
cis- $\beta$ -Ocimene	2.03 mg/L
Aromatic Compound	1.75 mg/L



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$\gamma$ -Terpinene	1.48 mg/L
Geranyl acetate	1.41 mg/L
Aromatic Compound	1.16 mg/L
Myristicin	1.11 mg/L
Palmitic acid	1.11 mg/L
$\alpha$ -Bisabolene	0.94 mg/L
Neryl acetate	0.89 mg/L
Nerol	0.86 mg/L
$\alpha$ -farnesene	0.86 mg/L
Aromatic Compound	0.86 mg/L
Aliphatic Alcohol	0.77 mg/L
$\alpha$ -Phellandrene	0.72 mg/L

cis-Linalool oxide (pyranic)	0.62 mg/L
Sesquiterpene	0.59 mg/L
Benzaldehyde	0.57 mg/L
Caryophyllene epoxide	0.47 mg/L
$\delta$ -Cadinene	0.47 mg/L
Aliphatic Ester	0.42 mg/L
Methyl cinnamate	0.4 mg/L
Carvacrol	0.37 mg/L
p-Cymene	0.35 mg/L
epi- $\beta$ -farnesene	0.35 mg/L
allo-Ocimene	0.35 mg/L
Isoterpinolene	0.35 mg/L



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Elemicin	0.32 mg/L
trans-Jasmone	0.32 mg/L
3-Hexen-1-ol	0.3 mg/L
γ-Terpineol	0.27 mg/L
Trans-Linalool Oxide Acetate (Pyr.)	0.25 mg/L
Neral	0.25 mg/L
α-P-Dimethylstyrene	0.25 mg/L
Sesquiterpene	0.22 mg/L
Humulene-6,7-Epoide	0.22 mg/L
Aromatic Compound	0.22 mg/L
Farnesyl acetate	0.22 mg/L
δ-Terpineol	0.2 mg/L

α-trans-Bergamotene	0.2 mg/L
β-Pinene	0.2 mg/L
Aromatic Compound	0.2 mg/L
Phenolic Component	0.2 mg/L
Cubenol	0.17 mg/L
β-Asarone	0.17 mg/L
Sesquiterpene	0.17 mg/L
Terpenic Acetate	0.17 mg/L
Aromatic Compound	0.17 mg/L
Octan-3-ol	0.15 mg/L
Allo-Ocimene Isomer	0.15 mg/L
β-Pinocamphone	0.12 mg/L



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Aromatic Compound	0.12 mg/L
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Dehydroxylinalol $\alpha$ -oxide	0.12 mg/L
Aliphatic Ester	0.1 mg/L
Delta-3-Carene	0.1 mg/L
Camphene	0.1 mg/L
$\alpha$ -Pinene	0.1 mg/L
P-Methoxy Styrene	0.07 mg/L
2,3-Dehydro-1,8-cineole	0.07 mg/L