



Hydrosol Report

Common Name

Turmeric

Total Volatile Compounds
(Concentration)

94 mg/L

Number of
Components Identified

61

Botanical Name

Curcuma longa

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# 478

CHI1357

Major Components from GC (Full report upon request)

1,8-Cineole	52.22 mg/L
ar-Turmerone	5.69 mg/L
α -Terpineol	4.5 mg/L
Anthracene	3.1 mg/L
Aromatic Component	3.01 mg/L
Aromatic Component	2.35 mg/L
p-Cymen-8-ol	2.04 mg/L
Zingerone	1.73 mg/L
Aromatic Component	1.7 mg/L
Terpinen-4-ol	1.67 mg/L
2-Nonanol	1.49 mg/L

Heptan-2-ol	1.42 mg/L
Aromatic Component	1.13 mg/L
Piperitenone	0.92 mg/L
Hexenyl Ester	0.82 mg/L
Aromatic Compound	0.74 mg/L
Aromatic Component	0.74 mg/L
Hexenyl Ester	0.7 mg/L
δ -Terpineol	0.49 mg/L
Octan-2-ol	0.38 mg/L
p-Methylacetophenone	0.37 mg/L
Aromatic Compound	0.35 mg/L
Aromatic Component	0.34 mg/L



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Sesquiterpenol	0.32 mg/L
Aromatic Compound	0.31 mg/L
Sesquiterpenic Epoxide	0.3 mg/L
Carvone	0.25 mg/L
Aromatic Compound	0.25 mg/L
Sesquiterpenic Epoxide	0.24 mg/L
Sesquiterpenic Epoxide	0.24 mg/L
Terpenic Acetate	0.24 mg/L
Aromatic Component	0.23 mg/L
Aromatic Compound	0.23 mg/L
trans-p-Menth-2-en-1-ol	0.22 mg/L
Aromatic Compound	0.19 mg/L

Sesquiterpenic Epoxide	0.19 mg/L
Linalool	0.19 mg/L
Verbenone	0.19 mg/L
Camphor	0.17 mg/L
cis-Carveol	0.16 mg/L
Geraniol	0.15 mg/L
Phenolic Component	0.14 mg/L
Dehydrocurcumene	0.14 mg/L
Aliphatic Ester	0.14 mg/L
Aliphatic Alcohol	0.14 mg/L
Piperitone	0.14 mg/L
Decan-2-ol	0.12 mg/L



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Exo-2-Hydroxycineole Acetate	0.11 mg/L
Phenylethyl alcohol	0.11 mg/L
Phenolic Component	0.08 mg/L
Aromatic Component	0.08 mg/L
trans-Isopiperitenol	0.08 mg/L
Hexan-2-one	0.08 mg/L
6-Methyl-hept-5-en-2-one	0.08 mg/L
Ketone Compound	0.08 mg/L
Heptan-2-one	0.07 mg/L
Myrtenol	0.07 mg/L
Ketone Compound	0.06 mg/L
Aliphatic Ester	0.06 mg/L

Hexan-3-one	0.06 mg/L
Hexan-2-ol	0.05 mg/L
Nonan-2-one	0.04 mg/L
2,3-Dehydro-1,8-cineole	0.04 mg/L