



Hydrosol Report

Common Name

Lemon Grass

Total Volatile Compounds
(Concentration)

252 mg/L

Number of
Components Identified

70

Botanical Name

Cymbopogon citratus

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# **479**

CHI1358

Major Components from GC (Full report upon request)

Geranial	88.83 mg/L
Neral	62.82 mg/L
Geraniol	16.83 mg/L
2,3-Dehydro-1,8-cineole	16.2 mg/L
Linalool	6.43 mg/L
6-Methyl-hept-5-en-2-one	6.1 mg/L
Geranic acid	4.86 mg/L
Citronellol	4.64 mg/L
α -Cadinol	4.46 mg/L
Sesquiterpenol	3.88 mg/L
Borneol	2.55 mg/L

α -Terpineol	2.44 mg/L
1,8-Cineole	1.97 mg/L
trans-Isopiperitenol	1.76 mg/L
Menthadienol Isomer	1.51 mg/L
Aromatic Component	1.49 mg/L
Nerol	1.44 mg/L
cis-p-Mentha α 2,8-dien-1-ol	1.16 mg/L
Neric Acid	1.16 mg/L
Aliphatic Alcohol	1.16 mg/L
Sesquiterpenol	1.13 mg/L
Methylcyclopentenyl Methylpropional Mw=152	1.01 mg/L
Trans-p-2,8-Menthadien-1-ol	1.01 mg/L



Hydrosol Report

Common Name

Lemon Grass

Total Volatile Compounds
(Concentration)

252 mg/L

Number of
Components Identified

70

Botanical Name

Cymbopogon citratus

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# **479**

CHI1358

epi-photocitral	0.93 mg/L
Terpenic Epoxyde	0.91 mg/L
Sesquiterpenol	0.86 mg/L
Neryl acetate	0.83 mg/L
Terpinen-4-ol	0.68 mg/L
Citronellic acid	0.66 mg/L
Sesquiterpenol	0.66 mg/L
α -Muurolol	0.58 mg/L
trans-Piperitol	0.58 mg/L
Aliphatic Alcohol	0.58 mg/L
Sesquiterpenol	0.5 mg/L
Aromatic Component	0.48 mg/L

Aromatic Compound	0.45 mg/L
Eudesmol Isomer	0.4 mg/L
Aliphatic Alcohol	0.4 mg/L
Aliphatic Ester	0.38 mg/L
Sesquiterpenol	0.35 mg/L
Isopulegol	0.35 mg/L
Elemol	0.35 mg/L
Sesquiterpenol	0.35 mg/L
Aliphatic Ester	0.33 mg/L
Aliphatic Ester	0.3 mg/L
Caprylic Acid	0.3 mg/L
Sesquiterpenic Epoxide	0.28 mg/L



Hydrosol Report

Common Name

Lemon Grass

Total Volatile Compounds
(Concentration)

252 mg/L

Number of
Components Identified

70

Botanical Name

Cymbopogon citratus

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

ID# **479**

CHI1358

Piperitone	0.28 mg/L	Camphene hydrate	0.18 mg/L
Sesquiterpenic Epoxide	0.25 mg/L	cis-Chrysanthemal	0.15 mg/L
delta-Cadinol	0.25 mg/L	6-Methyl-3,5-Heptadiene-2-One	0.15 mg/L
Sesquiterpenic Epoxide	0.25 mg/L	Hexan-2-one	0.15 mg/L
Photocitral Isomer	0.25 mg/L	Hexan-2-ol	0.15 mg/L
Sesquiterpenol	0.23 mg/L	Isoborneol	0.13 mg/L
Cubenol	0.23 mg/L	Hexan-3-ol	0.13 mg/L
epi-Cubenol	0.2 mg/L	Camphor	0.13 mg/L
Sesquiterpenic Epoxide	0.2 mg/L	Hexan-3-one	0.13 mg/L
trans-Linalool oxide (pyranic)	0.18 mg/L	Aromatic Component	0.13 mg/L
neo-Isopulegol	0.18 mg/L	Trans-Chrysanthemal	0.1 mg/L
cis-Isogeraniol	0.18 mg/L	cis-Linalool oxide (pyranic)	0.08 mg/L



CIRCLE H
INSTITUTE

Hydrosol Report

Common Name

Lemon Grass

Botanical Name

Cymbopogon citratus

ID# 479

CHI1358

Total Volatile Compounds
(Concentration)

252 mg/L

Number of
Components Identified

70

Country of Origin **USA**

Adulterated or Contain synthetic Ingredients

Limonene

0.05 mg/L