

VENUSS HERBO AROMATICS PRIVATE LIMITED

No. 2-C, Muhavoor Road, SEITHUR, RAJAPALAYAM - 626 121, TAMILNADU, INDIA

Tel : +91-4563-244154, 244327, Fax : +91-4563-245855 Email : r.velusami@venuss.co.in Web: www.venuss.co.in

CIN : U24231TN1986PTC013043 IE Code : 2888005867 GSTIN : 33AAACV2096A1ZS



Technical Data Sheet

Product Name	:	Celery Seed Oil
Our Product Number	:	CSO -001
Country of Gathering	:	India
Country of Manufacturing	:	India
Colour and Appearance	:	Free flowing liquid. Pale yellow clear Liquid.
Odour	:	Characteristics Odour of Celery Seed
Botanical Name	:	<i>Apium graveolens.L</i>
Botanical Family	:	<i>Umbelliferae</i>
Preparation	:	Essential oil of <i>Apium graveolens.L</i> obtained by steam distillation of dried and crushed Celery seed. No chemical process involved.
Solubility	:	Alcohol and Oil
Refractive Index at 25⁰C	:	1.4745 – 1.4880
Optical Rotation at 25⁰C	:	+65° to +85°
Specific Gravity at 25⁰C	:	0.8638 – 0.9080
Acid Value (as mg KOH/g Oil)	:	Not more than 4.5
Ester Value (as mg KOH/g Oil)	:	25 - 65
Flash Point	:	57 °C (134.6 °F) - Closed Cup
Boiling Point	:	183.00 °C

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Registry Numbers:

CAS	EINECS	FEMA	FDA
8015-90-5	289-668-4	2271	21 CFR 182.20

Chromatographic Profile of Main Chemical Components of Celery Seed Oil (GC/GC-MS):

Components	CAS	Odour	Min %	Max %
β - Pinene	127-91-3	Dry woody resinous pine hay green	0.50	2.00
Myrcene	123-35-3	Peppery terpene spicy balsam plastic	0.30	1.40
Limonene	138-86-3	Citrus orange fresh sweet	60.0	79.00
β - Selinene	17066-67-0	Herbal	9.00	17.00
α - Selinene	473-13-2	Amber	1.50	3.50

These being 100% natural and pure products, the percentage number of above components are subject to changes.

Crop Harvesting Season:

March to April

Certification:

Hindu, Halal, Kosher (Pareve/Passover)

Classification:

Natural and Food Grade

Tenacity on a Smelling Strip:

2 days

Additive and Colour:

Not added

Genetically Modified Organisms:

To the best of our knowledge, this product is not manufactured from genetically modified organisms or their derivatives.

Allergens Declaration:

The most common symptoms of **celery allergy** are a tingling or itchy mouth or throat, but can also include nettle rash otherwise known as hives anywhere on the body. To the best of our knowledge, this product does not contain nor is derived from any food allergens, including Cereals containing gluten, Crustaceans, Egg, Fish, Peanuts, Soybean, Milk, Buck Wheat, Mustard, Sesame Seeds, Sulfur dioxide and Sulfites Mollusks, Lupine, Tree nuts.

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Spongiform Encephalopathy or Transmissible Spongiform Encephalopathy Declaration:

To the best of our knowledge, this product is not produced from bovine or caprine sources or raw materials and does not contain any bovine spongiform encephalopathy or transmissible spongiform encephalopathy.

Other Declaration:

This product has not been (a) Exposed to Ionizing Radiation,(b) Derived from Sewage Sludge, and (c) Treated with Ethyl Oxide

Heavy Metals:

Tested for Lead (Pb), Copper(Cu), Arsenic(As), Tin(Sn), Cadmium(Cd), Mercury(Hg), Nickel(Ni), Iron(Fe), Calcium(Ca), Sodium(Na), Potassium(K), Antimony(Sb), Barium(Ba).

Pesticides Residue:

Organo Chlorine:

Tested for Aldrin, α -HCH, β -HCH, Trans- Chlordane, Cis-Chlordane, δ -HCH, Lindane, Dicofol, Dieldrin, α -Endosulfan, β -Endosulfan, Endosulfansulphate, Endrin, Heptachlor, Hexachlorobenzene.

Organo Phosphorus:

Tested for Chlorfenvinphos, Chlorpyrifos, Chlorpyrifos – methyl, Diazinon, Dichlorvos, Dimethoate, Ethion, Fenthion, Formothion, Malathion, Malaaxon, Monocrotophos, Parathion.

Toxins & Contaminants:

Tested for Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxin M1, Ochratoxin A, Benzo(a)Pyrene, Benzo(a)Anthracene.

Phthalate:

Tested for Benzyl Butyl Phthalate, Bis(2-ethylhexyl) Adipate, Bis(2-ethylhexyl) Phthalate, Dibutyl Phthalate, Diethyl Phthalate, Dimethyl Phthalate, Di-n-octyl phthalate will be below detection range

Microbiology:

Tested for Yeast & Mould, E.Coli, Coliforms, Staphylococcus Aureus, Salmonella Sp., Clostridium Perfringens, Bacillus Cereus, Listeria Monocytogenes, Pseudomonas Aeruginosa

Residual Solvent:

Tested for Tetrahydrofuran , 1,4-Dioxane , Trichloro ethylene , Hexanal , Xylene ,Ortho-xylene , Meta & Para-Xylene , Methanol , Acetone , Dichloromethane ,Hexane , Ethyl

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acetate , Chloroform , Cyclohexane , Benzene , Toluene ,2-Propanol , 1,2-Dichloroethane
Methyl ethyl ketone , Butanol , Ethanol.

Nutrition Value:

Total Carbohydrates 1.78 g/100g, Phosphorus 0.062 g/ 100g, Sugar (Mono & Disaccharides) 0.018g/100g, Starch 0.032g/100g, Protein 1.28g/100g, Ash 0.062g/100g, Dietary Fibre 0.051g/100g, Vitamin-A BDL(DL-0.10) mg/kg, Vitamin-C BDL(DL-0.10) mg/kg.

Dietary Preferences & Restrictions Declaration:

Suitable for Vegans, Lacto-Vegetarians, Ovo-Vegetarians, Vegetarians.

Animal Testing Statement:

This product is not tested on any animal

Stability and Application:

Primarily used for seasoning foods, baked goods, frozen dairy, hard and soft candy, meat products, alcoholic beverages, nonalcoholic beverages and in small dosages in perfumery. Individual consumption 0.02076 mg/kg/day.

Storage Conditions:

The oil is affected by light. Keep away from heat, sparks, open flames and hot surfaces, Use only non-sparking tools. Take precautionary measures against static discharge. Store at 18°C in well closed in air tight containers.

Product Packaging:

Aluminum Bottle with Narrow Neck: 0.250 Kgs, 0.500 Kgs,1 Kg, 2 Kgs, 5 Kgs,10 Kgs,25 Kgs; HM-HDPE Food Grade Barrel for 180 Kgs;

Outer Packing:

Bubble Sheet, 20 mm Thickness Thermocool Sheet and 11 Ply Corrugated Plain Boxes are used for packing Aluminum Bottles. Bubble Sheet, Rubber Tires and Wooden Pallets used for packing HM-HDPE Barrels.

Raw Material Image:



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Product Image:



Images of Inner and Outer Packing:



TDS Approved By
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