



Technical Data Sheet

Product Name	:	Cumin Oil
Our Product Number	:	CO -7000
Country of Gathering	:	India
Country of Manufacturing	:	India
Colour and Appearance	:	Free flowing light liquid. Pale yellow to brownish yellow clear liquid
Odour	:	Characteristics odour of Cumin Seed
Botanical Name	:	<i>Cuminum Cyminum L</i>
Botanical Family	:	Apiaceae / Umbelliferae
Preparation	:	Essential oil of <i>Cuminum cyminum L</i> obtained by steam distillation of dried and crushed Cumin seed. No chemical process involved
Solubility	:	Fixed Oils, Glycerine, Paraffin Oil, Propylene Glycol, Ethyl Alcohol.
Refractive Index at 25⁰C	:	1.4845 – 1.5060
Optical Rotation at 25⁰C	:	+2° to +8°
Specific Gravity at 25⁰C	:	0.8800 – 0.9246
Acid Value (as mg KOH/g Oil)	:	1.5 – 2.8
Ester Value(as mg KOH/g Oil)	:	160 – 175
Flash Point	:	53 °C (127.4 °F) - Closed Cup
Boiling Point	:	235.5 °C

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



Registry Numbers:

CAS	EINECS	FEMA	FDA
8014-13-9	616-945-2	2343	21 CFR 182.20

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

Components	CAS	Odour	Min %	Max %
β -Pinene	127-91-3	Woody, turpentine, resinous	20.00	30.00
ρ -Cymene	99-87-6	Oily woody terpene lemon	20.00	40.00
γ - Terpinene	99-85-4	Oily woody terpene lemon/lime tropical herbal	10.00	20.00
p-mentha-3-ene-7-aldehyde	27841-22-1		2.00	10.00
Cumin aldehyde	122-03-2	Spicy cumin green herbal	10.00	30.00
p-mentha-1,3-diene-7-aldehyde	1197-15-5	Fatty spicy	5.00	20.00

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

Crop Harvesting Season:

February and March

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.

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Allergens Declaration:

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, Celery, Mustard, Sesame Seeds, Sulfur dioxide and Sulfites Mollusks, Lupine, Tree nuts

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), Iron(Fe), Calcium(Ca), Sodium(Na), Potassium(K), Antimony(Sb),.

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

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Residual Solvent:

Tested for Tetrahydrofuran , 1,4-Dioxane , Trichloro ethylene , Hexanal , Xylene ,Ortho-xylene , Meta & Para-Xylene , Methanol , Acetone , Dichloromethane ,Hexane , Ethyl acetate , Chloroform , Cyclohexane , Benzene , Toluene ,2-Propanol , 1,2-Dichloroethane Methyl ethyl ketone , Butanol , Ethanol.

Nutrition Value:

Total Carbohydrates 2.31 g/100g, Phosphorus BDL(DL-0.05) mg/ 100g, Sugar (Mono & Disaccharides) 0.015g/100g, Starch 0.053g/100g, Protein 1.62g/100g, Ash 0.094g/100g, Dietary Fibre 0.040g/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, chewing gum, condiment, Gelatin, pudding, soups, Gravies, snack feed, meat products, alcoholic beverages, nonalcoholic beverages, and in small dosages in perfumery. Individual consumption 0.001271 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: 0.25 Kg, 0.5 Kgs, 1 Kg, 2 Kgs, 5 Kgs, 10 Kgs, 25Kgs

Outer Packing:

Bubble Sheet, 20 mm Thickness Thermcool Sheet and 11 Ply Corrugated Plain Boxes are used for packing Aluminum Bottles

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Raw Material Image:



Product Image:



Images of Inner and Outer Packing:



TDS Approved By
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