

CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION

PRODUCT NAME: Carrot
BOTANICAL NAME: Daucus carota
SYNONYM(S):

INCI NAME: Daucus carota fruit oil
CAS TSCA: 8015-88-1
CAS EINECS: 84929-61-3
FEMA: 2244
COUNTRY OF ORIGIN: India
PRODUCTION TYPE: Certified Organic
PRODUCTION METHOD: Steam distilled
PART DISTILLED: Seeds
LOT NUMBER: EAB328228IN32521A
PRODUCTION DATE: 12/2020
EXPIRATION DATE: 12/2022

COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.
ADDRESS: 1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA

TELEPHONE: 1.855.534.1671
FAX: 1.855.553.6010
WEB: WWW.ZAYATAROMA.COM
E-MAIL: INFO@ZAYATAROMA.COM

HS CODE: 3301.29
EINECS:
COE: 173n
FDA CODE: 182.2

Certified organic by Ecocert Canada



PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Free flowing liquid; light yellow</i>	<i>Complies</i>
ODOR	<i>Pleasant aromatic odor</i>	<i>Complies</i>
SOLUBILITY	<i>Partially soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.931 - 0.992 @ 20Â°C</i>	<i>0.970</i>
OPTICAL ROTATION:	<i>+10° - +30°</i>	<i>+10</i>
REFRACTIVE INDEX:	<i>1.490 - 1.510 @ 20°C</i>	<i>1.490</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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Carrot
Daucus carota

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% TOTAL: 98.6001	COMPONENTS
0.6629	Alpha-pinene
0.0331	Camphene
0.0137	Thuja-2,4(10)-diene
0.0571	Sabinene
0.3408	Beta-pinene
0.5682	Myrcene
0.0309	Cymene para
0.3970	Limonene
0.0174	Gamma-terpinene
0.0122	Furan, 3-(4-methyl-3-penten
0.0199	Linalool
0.0331	2-Nonenal
0.0423	Myrtenal
0.0198	3-Methyl-3,4,5,6,7,8,9,10,11
0.0196	Carvone
0.0588	2-Methoxy-4-vinylphenol
0.0614	Arbozol exo
3.8380	Daucene
0.5485	Beta-caryophyllene
0.0516	Beta-acoradiene
0.6635	Alpha-bergamotene
0.0449	Acora-2,4(15)-diene
1.8741	Farnesene (E)-beta
1.0227	Beta-copaene
0.0699	Curcumene alpha
0.4677	Zingiberene alpha
0.7529	Cumacrene
0.0527	2-(1-Methylethylidene)
1.8262	Bisabolene beta
0.1350	Beta.- Sesquiphellandrene
0.1113	Caryophyllene (Z)
0.1208	Bisabolene (Z)-alpha
1.3533	ent-Germacre-4(15),5,10
0.3801	Caryophyllene oxide
79.2087	Carotol
0.0450	Silphilperfol-5-en-3-one
0.5941	Muurola-4,10(14)-dien-1
0.1131	Germacre-4(15),5,10(14)
1.9406	Daucol
0.6971	Beta-eudesmol
0.0213	Bisabolol alpha
0.0224	Beta-bisabolenal
0.0285	Isoshyobunone
0.0429	Dihydrojasnone
0.0941	Sesquicineole
0.0270	Spiro(4.5)decan-7-one
0.0474	Phytone
0.0165	Camphorene m

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