



CERTIFICATE OF ANALYSIS

PRODUCT IDENTIFICATION		COMPANY IDENTIFICATION	
PRODUCT NAME:	Turmeric	COMPANY:	ZAYAT AROMA INC.
BOTANICAL NAME:	Curcuma longa	ADDRESS:	1339 SHEFFORD, BROMONT (QC) J2L 1C9, CANADA
SYNONYM(S):		TELEPHONE:	1.855.534.1671
		FAX:	1.855.553.6010
		WEB:	WWW.ZAYATAROMA.COM
		E-MAIL:	INFO@ZAYATAROMA.COM
INCI NAME:	Curcuma longa (turmeric) roots oil		
CAS TSCA:	8024-37-1	HS CODE:	3301.29
CAS EINECS:	N/A	EINECS:	N/A
FEMA:	N/A	COE:	N/A
COUNTRY OF ORIGIN:	India	FDA CODE:	N/A
PRODUCTION TYPE:	Certified Organic	Certified organic by Ecocert Canada	
PRODUCTION METHOD:	Steam distilled	 	
PART DISTILLED:	Roots		
LOT NUMBER:	EAB282565IN32521A		
PRODUCTION DATE:	12/2020		
EXPIRATION DATE:	12/2022		

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	<i>Pale yellow to reddish-brown oily liquid.</i>	<i>Complies</i>
ODOR	<i>Characteristic warm, spicy turmeric odor.</i>	<i>Complies</i>
SOLUBILITY	<i>Soluble in alcohol and oils. Insoluble in water.</i>	<i>Complies</i>
SPECIFIC GRAVITY:	<i>0.904 to 0.991 @ 20°C</i>	<i>0.949</i>
OPTICAL ROTATION:	<i>-20° to + 30°</i>	<i>-20</i>
REFRACTIVE INDEX:	<i>1.465 to 1.550 @ 20°C</i>	<i>1.500</i>
PEROXYDE VALUE:	<i><= 15 mEq O2/KG</i>	<i>N/A</i>

DISCLAIMER

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Turmeric
Curcuma longa

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% TOTAL: 99.9	COMPONENTS
0.27	<i>Gamma terpinene</i>
0.50	<i>Cymene</i>
0.44	<i>1.8 cineole</i>
0.68	<i>Alpha terpinolene</i>
0.38	<i>Alpha ionol</i>
1.04	<i>Methyl tetrahydrof</i>
0.44	<i>Aromadendrene</i>
0.12	<i>Methanoazulene</i>
1.28	<i>Caryophyllene</i>
2.78	<i>Trans alpha bergamotene</i>
0.37	<i>Cyclopropa (D) naph</i>
2.07	<i>Alpha selinene</i>
0.15	<i>Dihydroazirine</i>
3.17	<i>Gamma curcumene</i>
9.37	<i>Alpha curcumene</i>
9.56	<i>Zingiberene</i>
2.22	<i>Beta bisabolene</i>
0.18	<i>Alpha terpinenyl acetate</i>
0.12	<i>Beta vatirenene</i>
2.81	<i>Beta funebrene</i>
0.70	<i>Alpha farnesene</i>
0.90	<i>Thujol</i>
0.48	<i>Longipinane</i>
3.60	<i>Tumerone</i>
0.57	<i>Alpha patchoulene</i>
10.91	<i>Mesitylene</i>
25.35	<i>Tumerone</i>
12.65	<i>Ar tumerone</i>
1.28	<i>Indole</i>
5.51	<i>Alpha tumerone</i>

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