

## CERTIFICATE OF ANALYSIS

### PRODUCT IDENTIFICATION

PRODUCT NAME: Turmeric  
 BOTANICAL NAME: Curcuma longa  
 SYNONYM(S):

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  
 PRODUCTION METHOD: Steam distilled  
 PART DISTILLED: Roots  
 LOT NUMBER: EAB282565IN32521B  
 PRODUCTION DATE: 12/2020  
 EXPIRATION DATE: 12/2023

### COMPANY IDENTIFICATION

COMPANY: ZAYAT AROMA INC.  
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Certified organic by Ecocert Canada



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>0.911</i>
OPTICAL ROTATION:	<i>-20° to + 30°</i>	<i>-20</i>
REFRACTIVE INDEX:	<i>1.465 to 1.550 @ 20°C</i>	<i>1.465</i>
PEROXYDE VALUE:	<i>&lt;= 15 mEq O2/KG</i>	<i>Complies</i>

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