

## **CERTIFICATE OF ANALYSIS**

PRODUCT IDENTIFICATION

PRODUCT NAME: Myrrh - ESSENTIAL OIL BOTANICAL NAME: Commiphora molmol

SYNONYM(S): N/A

**COMPANY IDENTIFICATION** 

COMPANY: ZAYAT AROMA INC.

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CANADA

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INCI NAME: Commiphora myrrha oil

CAS TSCA: 8016-37-3 HS CODE: 3301.29
CAS EINECS: 84929-26-0 EINECS: 232-543-6
FEMA: 2766 COE: 150n
COUNTRY OF ORIGIN: Ethiopia FDA CODE: 172.51

PRODUCTION TYPE: Conventional PRODUCTION METHODSteam distilled PART DISTILLED: Oleoresin

LOT NUMBER: EAC266664ET72617A

PRODUCTION DATE: October 2017 EXPIRATION DATE: October 2019

PROPERTIES	SPECIFICATIONS	RESULTS
APPEARANCE	Brownish liquid	Complies
ODOR	Characteristic spicy balsamic odor	Complies
SOLUBILITY	Soluble in alcohol and oils. Insoluble in water	Complies
SPECIFIC GRAVITY:	0.940 to 1.090 @ 20°C	1.03
OPTICAL ROTATION:	-100.077.0 @ 20°C	Complies
REFRACTIVE INDEX:	1.518 - 1.530 @ 20°C	Complies

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## Myrrh - ESSENTIAL OIL Commiphora molmol

## LOT: EAC266664ET72617A

CERTIFICATE OF ANALYSIS		
COMPONENTS	% TOTAL: 87.91	
D-elemene	0.96	
A-copaene	0.11	
B-bourbonene	0.27	
B-elemene +(E) B-caryophyllene	5.0	
Y-elemene	0.69	
germacrene D	1.2	
isofuranogermacrene	23.6	
A-elemene	2.9	
myrrh-214 +lindestrene	38.7	
Y-eudesmol	8.4	
A-erimophila 1 (10),11-diene	0.58	
furanodiene	5.5	