

## CERTIFICATE OF ANALYSIS GC ANALYSIS

PRODUCT DETAILS		
PRODUCT NAME: VETIVERT, ESSENTIAL OIL ORGANIC		
LOT NUMBER: 35537		
PRODUCT INCI: VETIVERIA ZIZANOIDES ROOT OIL		
CAS NUMBER: 8016-98-4		
EINECS NUMBER: 282-490-8		
MANUFACTURING METHOD: STEAM DISTILLED		
MANUFACTURING DATE: Feb/2020		
BEST BEFORE DATE: Feb/2023		

## **GC ANALYSIS**

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	VISCOUS LIQUID BROWN ORANGE TO RED	PASS
ODOUR	CHARACTERISTIC	PASS
SPECIFIC GRAVITY @ 20°C	0.960 - 1.012	1.002
REFRACTIVE INDEX @ 20°C	1.510 – 1.530	1.516
OPTICAL ROTATION (°C)	+2.0 TO +46.0	+2.5

GC ANALYSIS

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COMPONENT	RESULT	
ALPHA-VETIVONE	1.9	
BETA VETIVONE	2.1	
BETA VETIVENENE	2.0	
ALPHA YLANGENE	1.8	
TOTAL VETICEROL	37.0	

## **STORAGE CONDITIONS**

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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