

Client name: ACE Seeds

Date of delivery: 25-04-2017

Type of sample: vegetable

Date of analysis: 11-05-2017

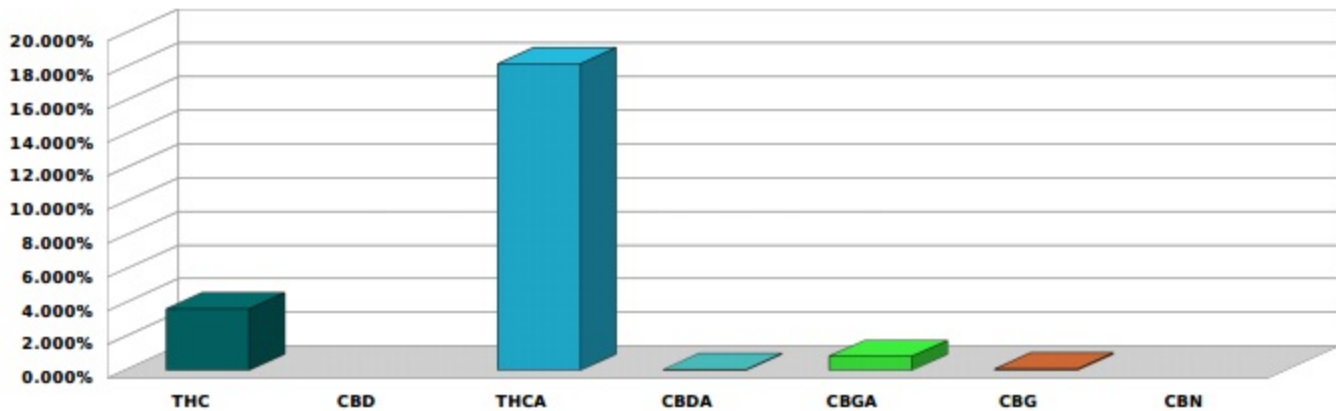
Method: HPLC-UV

Sample name: Malawi x Panamá

N.I laboratory: VL20170593

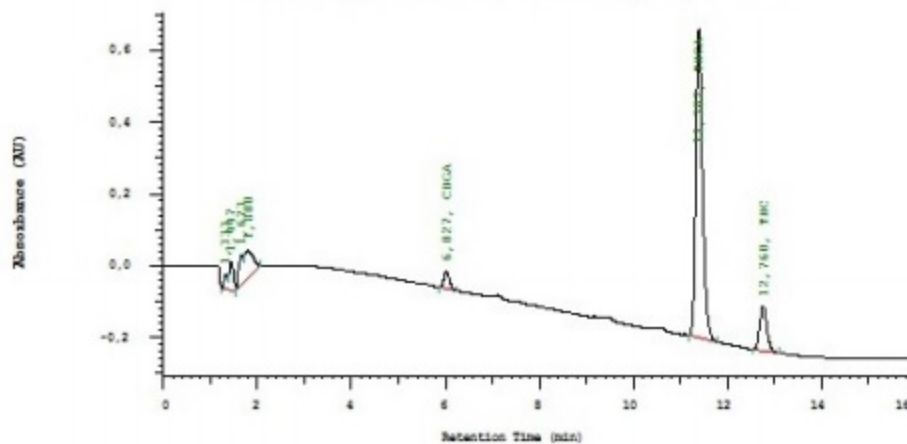
## CANNABINOIDS PROFILE w/w%

THC	CBD	THCA	CBDA	CBGA	CBG	CBN
3.653%	<0.05%	18.175%	0.052%	0.831%	0.071%	<0.05%



## CHROMATOGRAM

Chrom Type: Fixed WL Chromatogram, 220 nm



**Client name:** ACE Seeds

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**Date of delivery:** 25-04-2017

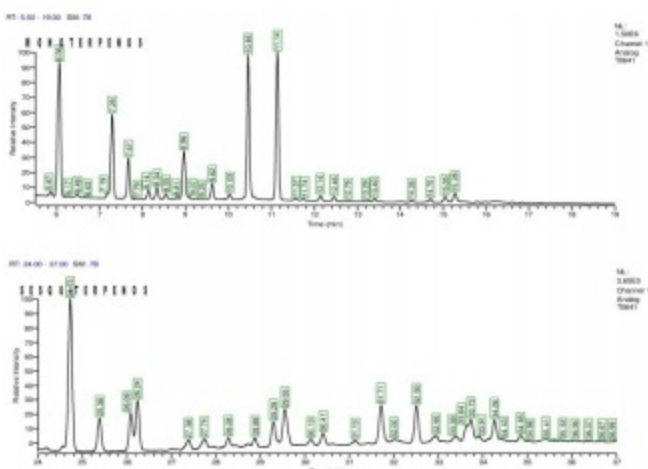
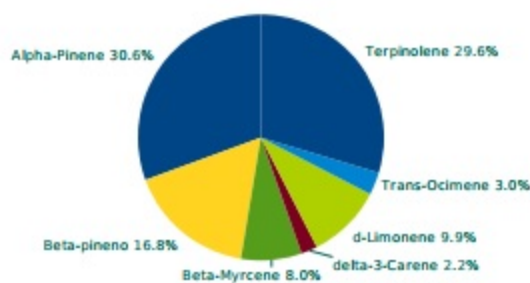
**Humidity:**
**Sample:** Malawi x Panamá

**Comments:**
**Date of analysis:** 29-05-2017

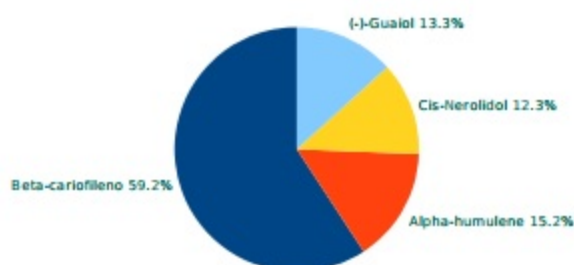
**N.I laboratory:** M17-T0641

**MONOTERPENES**

Alpha-Pinene	0.369%
Camphene	N.D.
(-)-beta-Pinene	0.202%
Beta-Myrcene	0.096%
delta-3-Carene	0.026%
Alpha-Terpinene	N.D.
p-Cymene	N.D.
d-Limonene	0.119%
Eucaliptol	--
Cis-Ocimene	N.D.
Gamma-Terpinene	N.D.
Trans-Ocimene	0.036%
Terpinolene	0.357%
Linalool	N.D.
(-)-Isopulegol	N.D.
Geraniol	N.D.

**CHROMATOGRAM**

**MONOTERPENES RELATIVE RATIO**

**SESQUITERPENES**

Beta-caryophyllene	0.125%
Alpha-humulene	0.032%
Cis-Nerolidol	0.026%
Trans-nerolidol	N.D.
Caryophyllene oxide	N.D.
(-)-Guaial	0.028%
(-)-alpha-Bisabolol	N.D.

**SESQUITERPENES RELATIVE RATIO**


N.D. =&lt;0.02%

# Test Report

Client	Client 15-0094
Client Contact	NA





Sample	Malawi/Panama
Strain	Sativa
Type	Flower
Receipt Date	5/22/2015
Test Date	5/26/2015
Batch	N/A
Analyst	SMC
Authorization	MK
Product ID	S15-00637




## Cannabinoid Profile (Quantitation by HPLC-UV)

Cannabinoid	Test Result
THC	2.1%
CBD	<0.1%
CBN	<0.1%
THCa	24.3%
CBDa	0.2%
Δ-8 THC	<0.1%
CBGa	1.1%
THCv	<0.1
CBDv	<0.1
CBC	0.3%
<b>Total</b>	<b>28%</b>
<b>Max THC</b>	<b>23.4%</b>
<b>Max CBD</b>	<b>0.2%</b>



- THC
- CBD
- CBN
- THCa
- CBDa
- Δ-8 THC
- CBGa
- THCv
- CBDv
- CBC



- Max THC
- Max CBD

Percentage data represents weight percentage of sample as received by MCR Labs.

THCa is converted to THC by heat. To find the maximum theoretical amount of THC in a sample, we add the amount of THC present in the sample to the amount of THC that can be created from THCa by the formula:

$$\text{Max THC} = \text{THC} + \text{THCa} \cdot 0.877$$

The maximum theoretical amount of CBD in a sample is calculated from CBD and CBDa in a similar fashion.

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