

## Certificate of Analysis

**Sample ID:** 240620-003-002  
**Retention Sample ID:** 18 311  
**Client (Code) Name:** (CAN0376) Mercurial (Pty) Ltd  
**Client Address:** 25 Renosterkop, Nelspruit  
**Batch:** 012401-01 (Tropicana Cookies)  
**Date Receipt:** 2024/06/20 11:41:10  
**Date Report Released:** 2024/06/26 14:45:42  
**Sample Type:** Extract  
**Package Condition:** Intact  
**Received By:** TSTRYDOM  
**Sample Amount:** 4 gram  
**Tamper Proof:** Yes



## Requested Test Panel

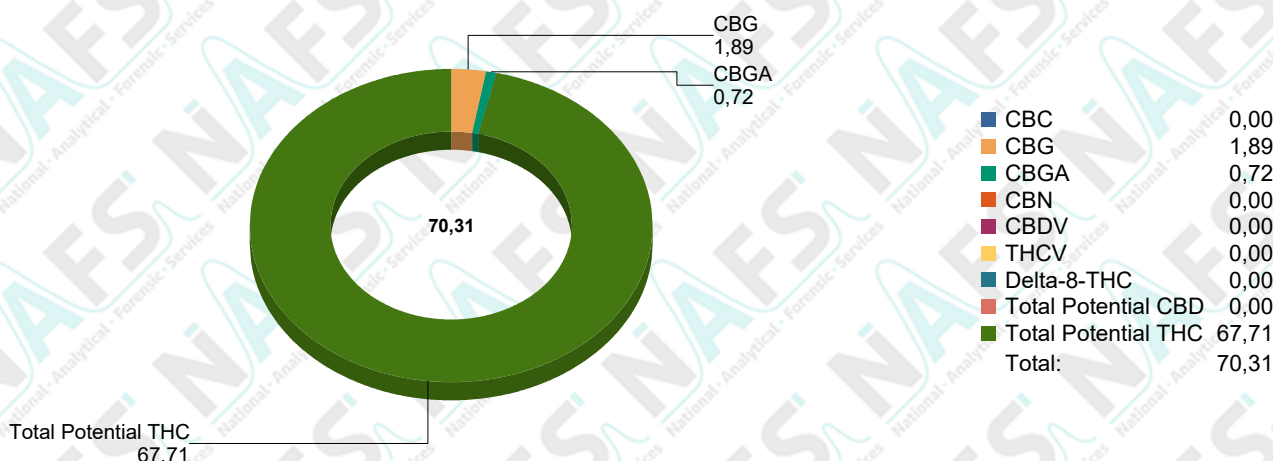
- TM006.3 (Potency Cannabis HPLC)
- TM003.5 (Terpenes)

## Test Results

**Test Name:** TM006.3 (Potency Cannabis HPLC) (240620-003-002)  
**Specification:** N/A  
**Test Method:** \*TM006.3  
**Sub-sampling Method:** SH007

Analyte	Results	*Std Dev.	*Spec Limits
CBC	ND % Weight	% Weight	N/A
CBC-A	ND % Weight	% Weight	N/A
CBD	ND % Weight	% Weight	N/A
CBD-A	ND % Weight	% Weight	N/A
CBD-V	ND % Weight	% Weight	N/A
CBDV-A	ND % Weight	% Weight	N/A
CBG	1.887 % Weight	+ - 0.136 % Weight	N/A
CBG-A	0.717 % Weight	+ - 0.025 % Weight	N/A
CBN	ND % Weight	% Weight	N/A
CBN-A	ND % Weight	% Weight	N/A
Delta-8-THC	ND % Weight	% Weight	N/A
Delta-9-THC	55.307 % Weight	+ - 0.677 % Weight	N/A
THC-A	14.143 % Weight	+ - 0.095 % Weight	N/A
THC-V	ND % Weight	% Weight	N/A
THCV-A	ND % Weight	% Weight	N/A
Total Potential CBD	ND % Weight	% Weight	N/A
Total Potential THC	67.709 % Weight	+ - 0.593 % Weight	N/A

**Analyst:** ENAUDE 2024/06/26 12:54



\*ND (Not Detected)

\*The current test method version is Validated

\*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)

\*Specification Limits (Specified according to pharmacopeial or client specification limits where applicable)

## Test Results

**Test Name:** TM003.5 (Terpenes) (240620-003-002)

**Specification:** N/A

**Test Method:** \*TM003.5

**Sub-sampling**

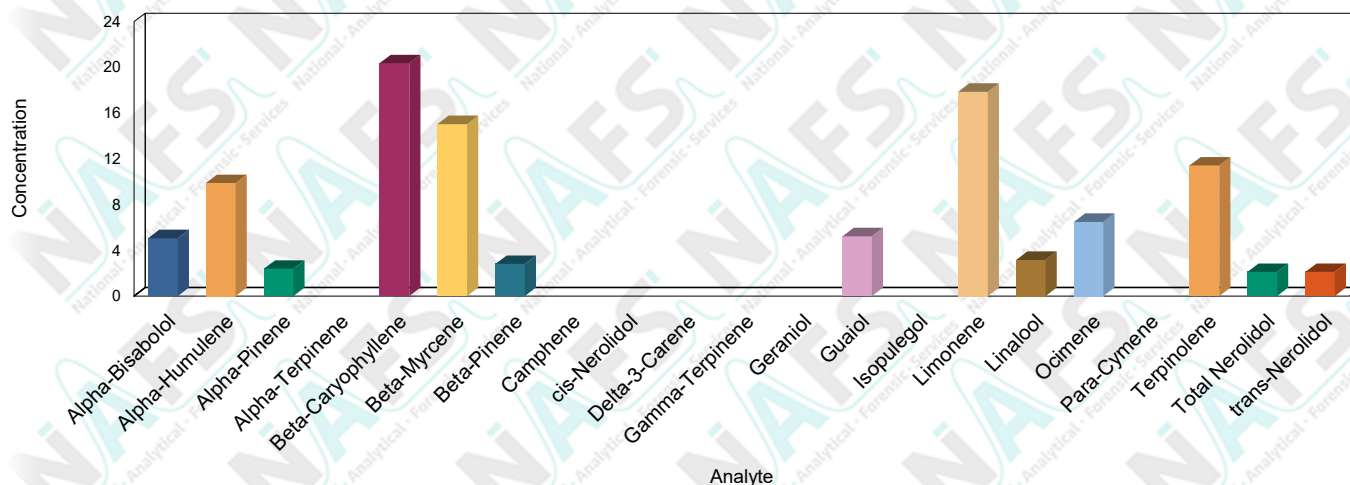
SH007

**Method:**

Analyte	Results	*Std Dev.	*Spec Limits
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Alpha-Bisabolol	5.058 mg/g	+ 0.095 mg/g	N/A
Alpha-Humulene	9.883 mg/g	+ 0.182 mg/g	N/A
Alpha-Pinene	2.401 mg/g	+ 0.003 mg/g	N/A
Alpha-Terpinene	ND mg/g	mg/g	N/A
Beta-Caryophyllene	20.364 mg/g	+ 0.409 mg/g	N/A
Beta-Myrcene	15.040 mg/g	+ 0.295 mg/g	N/A
Beta-Pinene	2.820 mg/g	+ 0.062 mg/g	N/A
Camphene	ND mg/g	mg/g	N/A
cis-Nerolidol	ND mg/g	mg/g	N/A
Delta-3-Carene	ND mg/g	mg/g	N/A
Gamma-Terpinene	ND mg/g	mg/g	N/A
Geraniol	ND mg/g	mg/g	N/A
Guaiol	5.240 mg/g	+ 0.106 mg/g	N/A
Isopulegol	ND mg/g	mg/g	N/A
Limonene	17.867 mg/g	+ 0.329 mg/g	N/A
Linalool	3.174 mg/g	+ 0.042 mg/g	N/A
Ocimene	6.492 mg/g	+ 0.079 mg/g	N/A
Para-Cymene	ND mg/g	mg/g	N/A
Terpinolene	11.428 mg/g	+ 0.230 mg/g	N/A
Total Nerolidol	2.118 mg/g	+ 0.049 mg/g	N/A
trans-Nerolidol	2.118 mg/g	+ 0.049 mg/g	N/A

**Analyst:** ANAIDOO 2024/06/26 11:21



\*ND (Not Detected)

\*The current test method version is Validated

\*Standard Deviation (Uncertainty of measurement of applicable duplicate sample)

\*Specification Limits (Specified according to pharmacopeial or client specification limits where applicable)



## Interpretations and Opinions:

There was matrix interference detected within the retention windows of Alpha-Humulene, Alpha-Bisabolol and Beta-Caryophyllene. This could result in the reported values being higher or lower than the actual values. This sample was prepared to obtain the highest accuracy of major analytes. Thus, the minor analyte results reported are subjected to dilution effects and therefore possible variance.

## Additions, Deviations & Exclusions:

None

*It should be noted that NAFS will only analyze the sample/s received. This sample cannot be regarded as representative of entire batch or crop. It is the responsibility of the client to ensure a representative sample is taken in an appropriate tamper proof sample container. NAFS cannot be held liable for negligent handling, storage and transport of client samples, prior to receipt. Any complaints may be directed toward NAFS using info@nafs.co.za (QA005)*

## Quality Assurance Manager

**Released By:** Lindie Marais

**Released On:** 2024/06/26 14:45:42

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