

## Certificate of Analysis

**Company:** VT Green Castle Reserve

**Sample ID:** SOUR DIESEL

**Lot:** SCLT0023-02

**Matrix:** Flower

**Report Date:** 1/18/2023

**Date Analyzed:** 1/16/2023

**Customer ID:** 221007-0

**Date Sampled:** N/A

**Analyst:** 35

**Grower License #:** SCLT0023

**Date Received:** 1/10/2023

**Report ID:** C230110AS

### Terpenes Summary

Terpene	LOQ (mg/g)	Results (mg/g)	Weight (%)
$\alpha$ - Pinene	0.010	2.010	0.201
Camphene	0.010	0.201	0.020
$\beta$ -Myrcene	0.010	4.832	0.483
b-Pinene	0.010	1.904	0.190
3-Carene	0.010	<LOQ	<LOQ
$\alpha$ -Terpinene	0.010	<LOQ	<LOQ
Limonene	0.010	4.504	0.450
p-Cymene	0.010	<LOQ	<LOQ
Ocimene	0.010	<LOQ	<LOQ
Eucalyptol	0.010	0.013	0.001
$\gamma$ -Terpinene	0.010	0.018	0.002
Terpinolene	0.010	0.132	0.013
Linalool	0.010	0.993	0.099
Isopulegol	0.010	<LOQ	<LOQ
Geraniol	0.010	<LOQ	<LOQ
Caryophyllene	0.010	4.306	0.431
$\alpha$ -Humulene	0.010	1.621	0.162
Trans-Nerolidol	0.010	<LOQ	<LOQ
Cis-Nerolidol	0.010	<LOQ	<LOQ
Guaiol	0.010	0.031	0.003
Caryophyllene Oxide	0.010	<LOQ	<LOQ
$\alpha$ -Bisabolol	0.010	<LOQ	<LOQ
<b>Total Terpenes</b>		<b>20.565</b>	<b>2.055</b>

**11.29%**
**Percent  
Moisture**

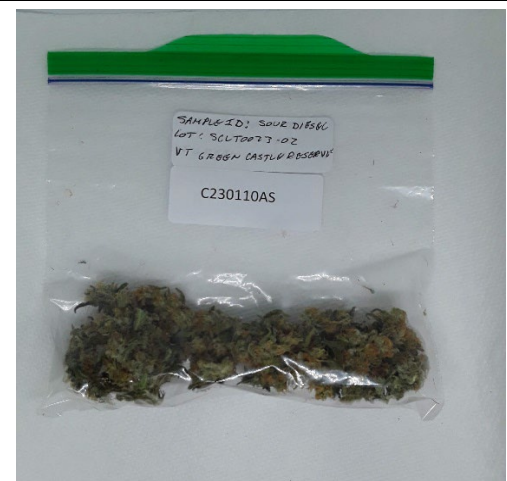
LOQ = The lowest quantity this method can reliably detect. Any terpene that was not detected is assumed to be less than the stated LOQ (&lt;LOQ).

Terpene Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus® SQ8 GC MS

Reagent Blanks: &lt; LOQs for all analytes

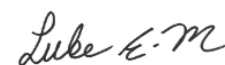
All results reflect dry weight of material, based on % moisture of the sample.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by:



Luke Emerson Mason (Laboratory Director, Bia Diagnostics)