



12025 NE Marx St. Portland, OR 97220  
503-253-3511 / [www.greenleaflab.org](http://www.greenleaflab.org)

Green Leaf Lab proudly follows TNI 2009  
Quality Standards

## 24K Pen Mix

*Green Envy*

Date Sampled: 11/13/18 00:00

Date Accepted: 11/13/18

Sample ID: G8K0278-03

### Results at a Glance

Total THC : 76.38 %

Total Terpenes : 13.35 % PASS

Eric Wendt  
Chief Science Officer - 11/19/2018



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## 24K Pen Mix

Date Sampled: 11/13/18 00:00

Date Accepted: 11/13/18

*Green Envy*

Test RFID: 1A401030001C716000000032

Sample ID: G8K0278-03

Matrix: Extracts and Concentrates

Source RFID: 1A401030001C716000000026

### Potency Analysis

Date/Time Extracted: 11/15/18 14:05

Analysis Method/SOP: 215

Date/Time Analyzed: 11/16/18 16:07

Batch Identification: 1846059

Cannabinoids (% weight)	Decarboxylated* %	Cannabinoids Profile												
Total THC ((THCA*0.877)+Δ9)	76.38	<table border="1"> <tr><td>delta 9-THC</td><td>76.4</td></tr> <tr><td>THCV</td><td>0.6</td></tr> <tr><td>CBN</td><td>0.6</td></tr> <tr><td>CBG</td><td>2.6</td></tr> <tr><td>CBC</td><td>0.9</td></tr> <tr><td>Total</td><td>81.1</td></tr> </table>	delta 9-THC	76.4	THCV	0.6	CBN	0.6	CBG	2.6	CBC	0.9	Total	81.1
delta 9-THC	76.4													
THCV	0.6													
CBN	0.6													
CBG	2.6													
CBC	0.9													
Total	81.1													
Total CBD ((CBDA*0.877)+CBD)	< LOQ													
THCA	< LOQ													
delta 9-THC	76.38													
delta 8-THC	< LOQ													
THCV	0.6237													
CBD	< LOQ													
CBDA	< LOQ													
CBDV	< LOQ													
CBDVA	< LOQ													
CBN	0.6254													
CBG	2.615													
CBGA	< LOQ													
CBC	0.8917													
BCA	< LOQ													
CBLA	< LOQ													
Total Cannabinoids	81.35													

<LOQ - Results below the Limit of Quantitation - Compound not detected. LOQ = 5 PPM (mg/L)

For Potency only delta 9-THC, THCA, CBD, CBDA are ORELAP accredited analytes.

Water Activity Action Level is 0.65. Results above 0.65 fail state testing requirements and will be highlighted Red.

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### Terpene Analysis

Date/Time Extracted: 11/15/18 14:05

Analysis Method/SOP: 204

Date/Time Analyzed: 11/17/18 09:13

Monoterpenes	Results in %	Monoterpenes	Results in %
Camphene	0.06598	Camphor	< LOQ
3-Carene	< LOQ	alpha-Cedrene	< LOQ
Cedrol	< LOQ	Endo-fenchyl alcohol	0.1463
Eucalyptol	< LOQ	Fenchone	< LOQ
Geraniol	< LOQ	Geranyl acetate	< LOQ
Hexahydrothymol	< LOQ	Isoborneol	< LOQ
Isopulegol	< LOQ	Limonene	0.9110
Linalool	0.2119	p-Mentha-1,5-diene	< LOQ
beta-Myrcene	7.492	alpha-Pinene	1.993
beta-Pinene	0.9442	Pulegone	< LOQ
Sabinene	< LOQ	Sabinene hydrate	< LOQ
gamma-Terpinene	< LOQ	alpha-Terpinene	< LOQ
Terpinolene	< LOQ	B/Y-Terpineol	< LOQ
Nerol	< LOQ	A-Terpineol	0.07055
Borneol	< LOQ	Ocimene isomer II	0.000
Ocimene isomer I	0.000		
Sesquiterpenes	Results in %	Sesquiterpenes	Results in %
alpha-Bisabolol	< LOQ	beta-Caryophyllene	1.160
Caryophyllene Oxide	< LOQ	Guaiol	< LOQ
alpha-Humulene	0.2876	trans-Nerolidol	< LOQ
Valencene	0.06435	cis-Nerolidol	< LOQ
<b>Total Terpenes</b>	<b>13.35 %</b>		

<LOQ - Results below the Limit of Quantitation - Compound not detected Terpene Analysis is not ORELAP Accredited.

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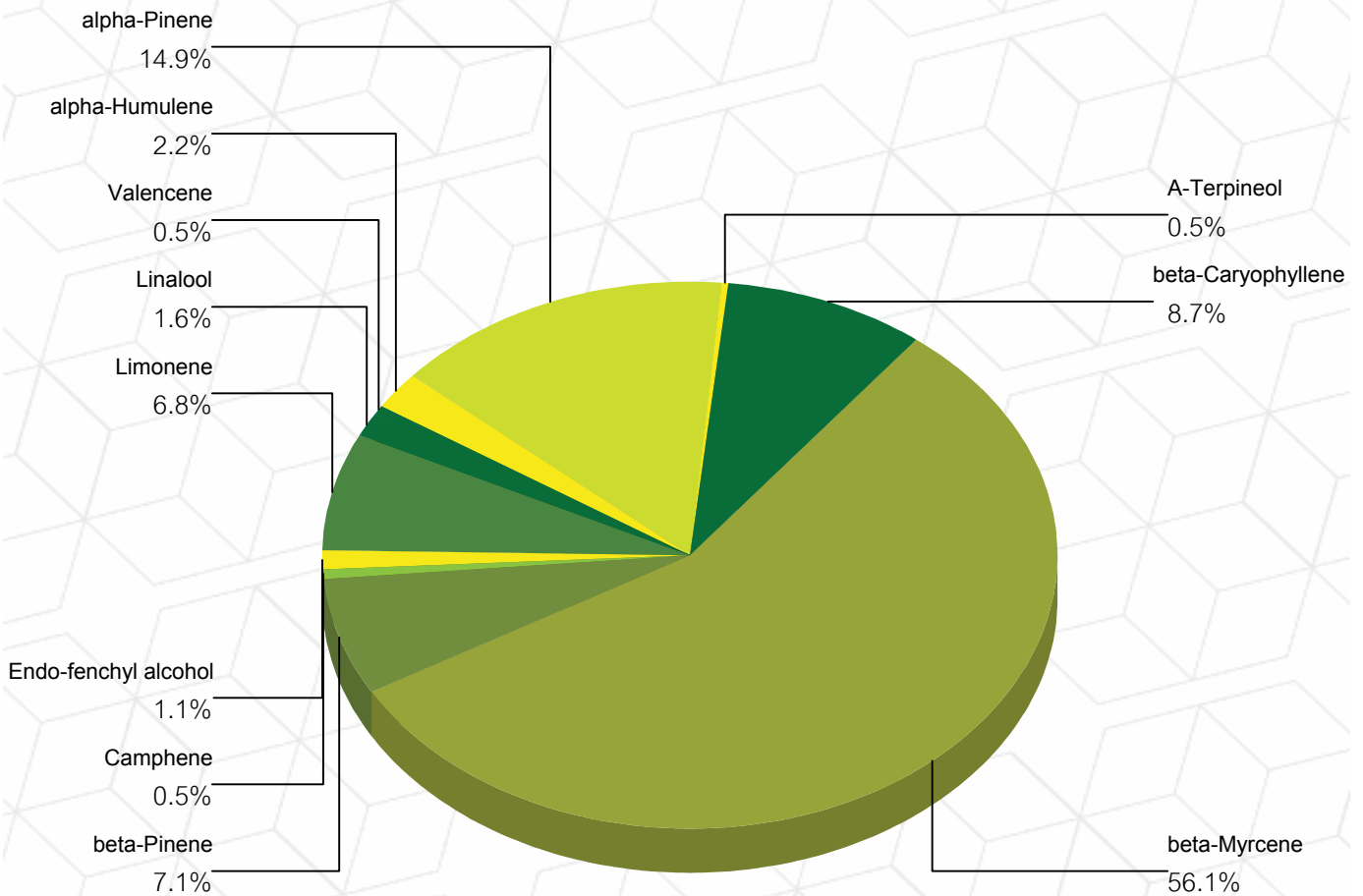
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## Terpene Profile



## Percentage of Total Terpenes Identified

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# Quality Control Potency

Batch: 1846059 - 215-Concentrates

Blank(1846059-BLK1)						
Analyte	Result	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
delta 9-THC	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
delta 8-THC	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
THCV	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBD	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBDA	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBDV	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBDVA	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBN	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBG	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBGA	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBC	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBCA	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23
CBLA	< LOQ	0.4100	%		11/15/18 14:05	11/16/18 01:23

Reference(1846059-SRM1)						
Analyte	% Recovery	LOQ	Units	%Recovery Limits	Extracted	Analyzed
THCA	95.1	0.2858	%	80-120	11/15/18 14:05	11/16/18 01:45
delta 9-THC	105	0.2858	%	80-120	11/15/18 14:05	11/16/18 01:45
CBD	106	0.2858	%	80-120	11/15/18 14:05	11/16/18 01:45
CBDA	107	0.2858	%	80-120	11/15/18 14:05	11/16/18 01:45

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