

Date: 4/16/15

9755 SW Commerce Circle Suite B-3
 Wilsonville, OR 97070
 503-625-6593

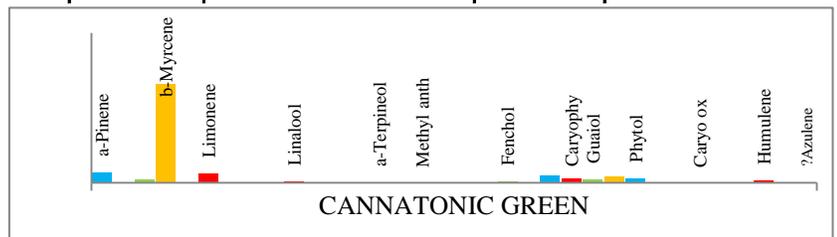
Peggy's 420 Garden

Terpene results for the sample received on 4/7/15.

Analysis by GC/MS (Mod 8270)

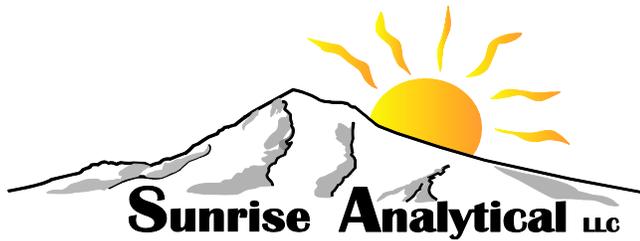
Sample Name:	Cannatonic			Batch QC	Batch QC	150035-BLK	Detection Limit
	Green						
Lab ID:	15D010-02			15D008-05	15D008-05dup		
alpha-Pinene	2.1			0.3	0.4	ND	0.2 mg/g
Camphene	ND			ND	ND	ND	0.2 mg/g
beta-Pinene	0.8			0.7	0.6	ND	0.2 mg/g
beta-Myrcene	20.5			4.7	4.5	ND	0.2 mg/g
p-Cymene	ND			ND	ND	ND	0.2 mg/g
Limonene	1.9			5.3	5.5	ND	0.2 mg/g
3-Carene	ND			ND	ND	ND	0.2 mg/g
2-Carene	ND			ND	ND	ND	0.2 mg/g
Eucalyptol	ND			ND	ND	ND	0.2 mg/g
Linalool	0.4			3.5	3.4	ND	0.2 mg/g
cis-Ocimene	ND			ND	ND	ND	0.2 mg/g
Borneol	ND			ND	ND	ND	0.2 mg/g
Terpinen-4-ol	ND			ND	ND	ND	0.2 mg/g
alpha-Terpineol	ND			0.4	0.4	ND	0.2 mg/g
gamma-Terpineol	ND			ND	ND	ND	0.2 mg/g
Methyl anthranilate	ND			ND	ND	ND	0.2 mg/g
trans-Ocimene	ND			ND	ND	ND	0.2 mg/g
?*unknown1	ND			ND	ND	ND	0.2 mg/g
?*-2-Carene	ND			ND	ND	ND	0.2 mg/g
Fenchol	0.3			0.4	0.4	ND	0.2 mg/g
?*-cis-2-Pinanol(v)	ND			0.3	0.3	ND	0.2 mg/g
?*-Butanoic acid,hex es	1.4			ND	ND	ND	0.2 mg/g
?*Total Monoterpenes	31.0			19.0	19.0	ND	0.2 mg/g
Caryophyllene	0.9			3.5	3.6	ND	0.2 mg/g
Guaiol	0.8			ND	ND	ND	0.2 mg/g
alpha-Bisabolol	1.3			0.5	0.5	ND	0.2 mg/g
Phytol	0.9			1.0	0.9	ND	0.2 mg/g
cis-Nerolidol	ND			ND	ND	ND	0.2 mg/g
trans-Nerolidol	ND			ND	ND	ND	0.2 mg/g
Caryophyllene oxide	ND			0.2	0.2	ND	0.2 mg/g
?**Germacrene B	ND			0.8	0.9	ND	0.2 mg/g
?**beta-Caryophyllene	ND			ND	ND	ND	0.2 mg/g
Humulene	0.5			2.2	2.2	ND	0.2 mg/g
?**alpha-Farnesene	ND			ND	ND	ND	0.2 mg/g
?**2-Azulene	ND			1.1	1.4	ND	0.2 mg/g
**?Total Sesquiterpenes	22.0			29.0	27.0	ND	0.2 mg/g
Water (% moisture)	6.7%			6.6%	6.6%	NA	±0.2%
Surrogate % Recovery:	98%			77%	79%	87%	d6-Phenol
Extraction Date:	4/13/15			4/10/15	4/10/15	4/13/15	
Analysis Date:	4/15/15			4/13/15	4/12/15	4/14/15	

NA = Not Applicable ND = Not Detected
 Detection Limit is based on the dry weight equivalent.
 -BLK = The method blank associated with this batch.
 -dup = The method duplicate associated with this batch.
 *Compound concentration is estimated based on linalool.
 **Compound concentration is estimated based on caryophyllene.
 ? Compound has not been verified by standard.



Analyst: Pat Marshall
 Sr. Chemist

Date: 4/16/15



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Peggy's 420 Garden

Cannabinoid results for the sample received on 4/7/15.

Analysis by GC/MS (Mod 8270)

Sample Name:	Cannatonic			Batch QC	Batch QC	150035-BLK	Detection Limit
	Green						
Lab ID:	15D010-02			15D008-05	15D008-05dup	150035-BLK	
THC	114			238	234	ND	0.2 mg/g
as THC	ND			ND	ND	ND	0.2 mg/g
as THCA	129			269	264	ND	0.2 mg/g
CBD Cannabidiol	129			0.6	0.6	ND	0.2 mg/g
as CBD	ND			ND	ND	ND	0.2 mg/g
as CBDA	146			0.7	0.7	ND	0.2 mg/g
CBN Cannabinol	0.8			0.5	0.5	ND	0.2 mg/g
*CBC1 Cannabichromene	ND			ND	ND	ND	0.2 mg/g
*CBC2 Cannabichromene	0.3			ND	ND	ND	0.2 mg/g
*CBC3 Cannabichromene	0.2			ND	ND	ND	0.2 mg/g
CBC Cannabichromene	10.9			4.8	5.1	ND	0.2 mg/g
*THCV Tetrahydrocannabivarin	0.9			0.5	0.5	ND	0.2 mg/g
*CBG Cannabigerol	5			5	5	ND	0.2 mg/g
*CBDV Cannabidivanol	0.4			ND	ND	ND	0.2 mg/g
delta-8-THC	1.2			ND	ND	ND	0.2 mg/g
*?THC-C4	ND			0.6	0.6	ND	0.2 mg/g
*CBP ?Cannabipat	1.1			0.4	0.4	ND	0.2 mg/g
*CB1 ?CBD-C1	ND			ND	ND	ND	0.2 mg/g
*CB2 ?THC-C1	ND			0.2	ND	ND	0.2 mg/g
*CB3 ?Cannabi-three	0.2			0.3	0.3	ND	0.2 mg/g
*CB4 ?Cannabi-four	ND			1.7	1.5	ND	0.2 mg/g
*CB5 ?Cannabi-five	ND			0.2	ND	ND	0.2 mg/g
*CB6 ?(Z)-CBG-C5	ND			ND	ND	ND	0.2 mg/g
*CB7 ?Cannabi-seven	1.1			ND	ND	ND	0.2 mg/g
*CB8 ?Cannabi-eight	0.5			ND	ND	ND	0.2 mg/g
*CB9 ?Cannabi-nine	0.5			0.4	0.3	ND	0.2 mg/g
*CB10 ?Cannabi-ten	ND			ND	ND	ND	0.2 mg/g
*Wax1 ?C29	0.5			ND	ND	ND	0.2 mg/g
*Wax2 ?C30	0.5			0.4	0.3	ND	0.2 mg/g
Water (% moisture)	6.7%			6.6%	6.6%	NA	±0.2%
Surrogate % Recovery:	98%			77%	79%	87%	d6-Phenol
Extraction Date:	4/13/15			4/10/15	4/10/15	4/13/15	
Analysis Date:	4/15/15			4/13/15	4/12/15	4/14/15	

NA = Not Applicable

ND = Not Detected

Batch QC - From a previous batch.

Detection Limit is based on the dry weight equivalent.

-BLK = The method blank associated with this batch.

-dup = The method duplicate associated with this batch.

*Compound concentration is estimated based on CBC or CBD.

? Compound has not been verified.

NOTE: THCV Tetrahydrocannabivarin is THC-C3

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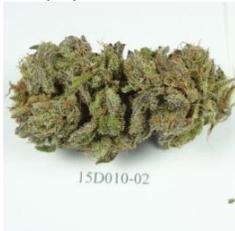
Date: 4/16/15

CANNATONIC GREEN

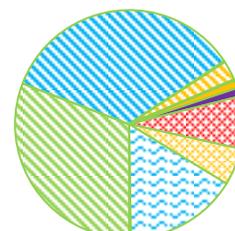
Mold by AOAC BAM: PASS

Pesticides by Method 8270 at 0.1ppm: PASS

Potency by Method 8270



THC	11.4%
as THC	0.00%
as THCA	12.9%
CBD	12.9%
as CBD	0.00%
as CBDA	14.6%
CBN	0.08%
total CBC	1.14%
THCV*	0.09%
CBG*	0.5%



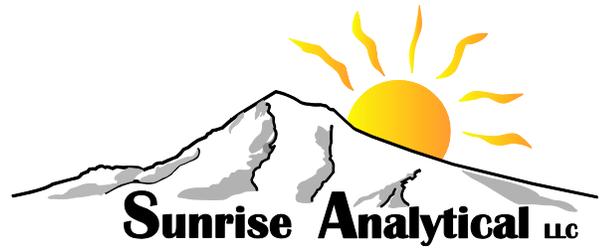
Wax	0%
Other CB's	0.5%
Monoterpenes	3.1%
Sesquiterpenes	2.2%
Water	6.7%



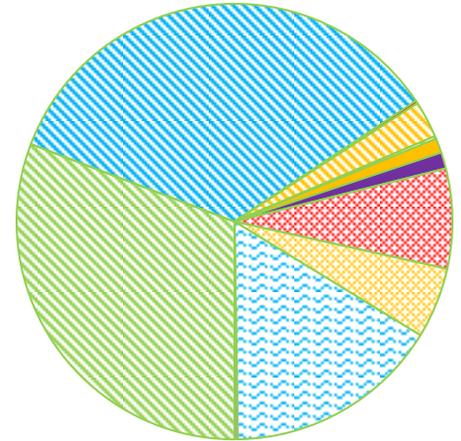
CANNATONIC GREEN

Mold by AOAC BAM: PASS
 Pesticides by Method 8270 at 0.1ppm: PASS
 Potency by Method 8270

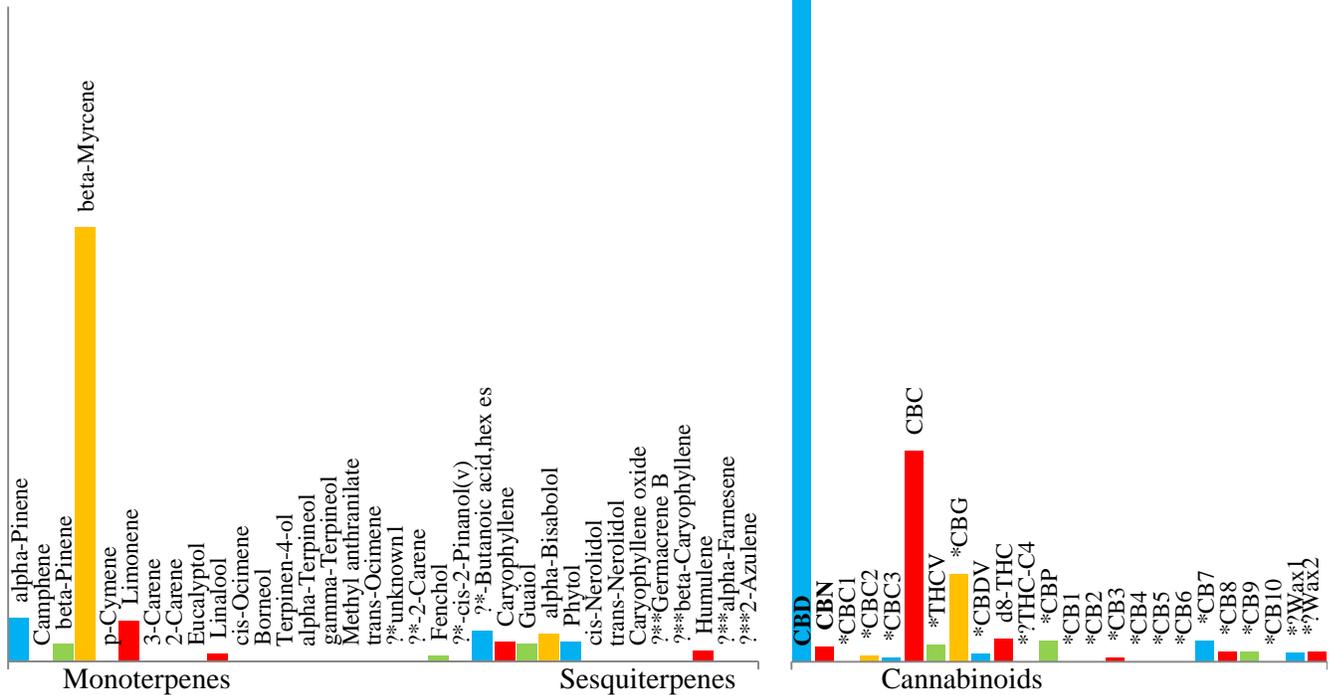
Analysis Date
 4/10/15
 4/13/15
 4/15/15



THC	11.4%
as THC	0.00%
as THCA	12.9%
CBD	12.9%
as CBD	0.00%
as CBDA	14.6%
CBN	0.08%
total CBC	1.14%
THCV	0.09%
CBG	0.5%
Other CB's	0.5%
Monoterpenes	3.1%
Sesquiterpenes	2.2%
Water	6.7%
Wax	0%



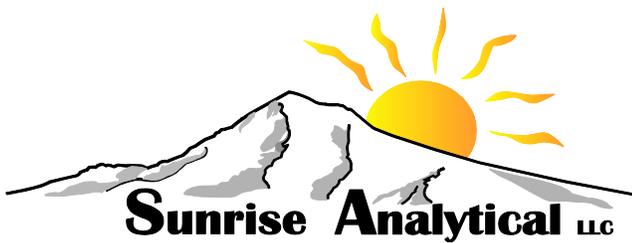
Pie Chart based on Total Extractables



<u>Strain Match</u>	<u>From Lab ID</u>	Notes:
97% AC/DC	14A036-03	
89% CANNATONIC	14A023-06	
85% FLAV	14B033-03	
84% HURCKLE	14D010-01	
81% HARLEQUIN	14A014-02	

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Mold and Pesticide results for the sample received on 4/7/15.

Mold by AOAC BAM

Pesticides by GC/MS (Mod 8270)

		Cannatonic						
	Sample Name:	Green			Batch QC	Batch QC		
	Lab ID:	15D010-02			15D008-02	15D008-02dup	150035m-BLK	Passing Limit
Mold / Mildew	Petri #1	1250			0	0	0	10000 cfu
Analysis Date:		4/10/15			4/10/15	4/10/15	4/10/15	
Result		PASS						

		Cannatonic						
	Sample Name:	Green			Batch QC			
	Lab ID:	15D010-02			150035p-BS	150035p-BLK		Detection Limit
Pesticides								
Chlorinated (29)		ND			Found	ND		0.1 ppm
Nitrogen/Phosphorous (86)		ND			Found	ND		0.1 ppm
Carbamate (12)		ND			Found	ND		0.1 ppm
Pyrethrins (12)		ND			ND	ND		0.1 ppm
Water (% moisture)		6.7%			NA	NA		±0.2%
Surrogate % Recovery:		81%			129%	92%		d6-Phenol
Extraction Date:		4/13/15			4/13/15	4/13/15		
Analysis Date:		4/13/15			4/13/15	4/13/15		
Result		PASS						

Notes:

NA = Not Applicable ND = Not Detected

Detection Limit is based on as received basis.

Detection Limit is higher for some pesticides, due to the matrix.

-BLK = The method blank associated with this batch.

-BS = The blank spike associated with this batch.

-MS = The matrix spike associated with this batch.

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