

Date: 11/11/14

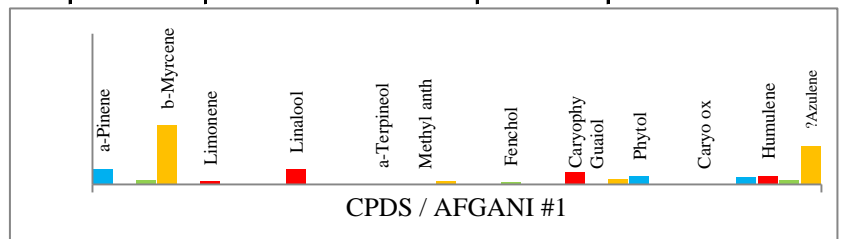
9755 SW Commerce Circle Suite B-3
 Wilsonville, OR 97070
 503-625-6593

ECO Firma Farms

Terpene results for the sample received on 11/5/14. Analysis by GC/MS (Mod 8270)

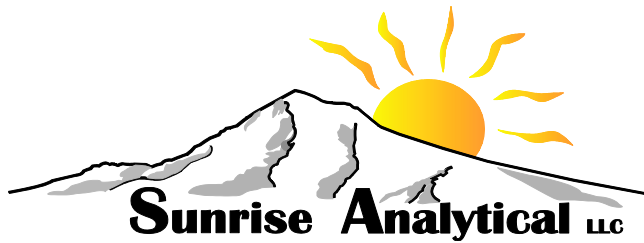
Sample Name:	CPDS /			Batch QC		140118-BLK	Detection Limit
	Afgani #1			14K006-04	14K006-04dup		
Lab ID:	14K006-05			14K006-04	14K006-04dup	140118-BLK	
alpha-Pinene	3.3			0.7	0.7	ND	0.5 mg/g
Camphene	ND			ND	ND	ND	0.5 mg/g
beta-Pinene	1.0			0.9	0.9	ND	0.5 mg/g
beta-Myrcene	12.3			8.0	8.0	ND	0.5 mg/g
p-Cymene	ND			ND	ND	ND	0.5 mg/g
Limonene	0.7			3.3	3.3	ND	0.5 mg/g
3-Carene	ND			ND	ND	ND	0.5 mg/g
2-Carene	ND			ND	ND	ND	0.5 mg/g
Eucalyptol	ND			ND	ND	ND	0.5 mg/g
Linalool	3.2			3.0	2.9	ND	0.5 mg/g
cis-Ocimene	ND			ND	ND	ND	0.5 mg/g
Borneol	ND			ND	ND	ND	0.5 mg/g
Terpinen-4-ol	ND			ND	ND	ND	0.5 mg/g
alpha-Terpineol	ND			0.5	0.5	ND	0.5 mg/g
gamma-Terpineol	ND			ND	ND	ND	0.5 mg/g
Methyl anthranilate	ND			ND	ND	ND	0.5 mg/g
trans-Ocimene	0.8			ND	ND	ND	0.5 mg/g
?*unknown1	ND			ND	ND	ND	0.5 mg/g
?*-2-Carene	ND			ND	ND	ND	0.5 mg/g
Fenchol	0.5			1.2	1.1	ND	0.5 mg/g
?*-cis-2-Pinanol(v)	ND			0.7	0.7	ND	0.5 mg/g
?*-Butanoic acid,hex es	ND			ND	ND	ND	0.5 mg/g
?*Total Monoterpenes	27.0			25.0	25.0	ND	0.5 mg/g
Caryophyllene	2.5			3.7	3.7	ND	0.5 mg/g
Guaiol	ND			ND	ND	ND	0.5 mg/g
alpha-Bisabolol	1.1			1.8	1.8	ND	0.5 mg/g
Phytol	1.7			1.8	1.8	ND	0.5 mg/g
cis-Nerolidol	ND			ND	ND	ND	0.5 mg/g
trans-Nerolidol	ND			ND	ND	ND	0.5 mg/g
Caryophyllene oxide	ND			ND	ND	ND	0.5 mg/g
?**Germacrene B	ND			ND	ND	ND	0.5 mg/g
?**beta-Caryophyllene	1.5			ND	ND	ND	0.5 mg/g
Humulene	1.8			2.1	2.1	ND	0.5 mg/g
?**alpha-Farnesene	1.0			1.2	1.1	ND	0.5 mg/g
?**l-Azulene	8.0			19.0	18.5	ND	0.5 mg/g
**lTotal Sesquiterpenes	41.0			55.0	55.0	ND	0.5 mg/g
Water (% moisture)	0.0%			0.0%	0.0%	NA	±0.2%
Surrogate % Recovery:	95%			95%	91%	95%	d6-Phenol
Extraction Date:	11/7/14			11/7/14	11/7/14	11/7/14	
Analysis Date:	11/8/14			11/8/14	11/8/14	11/8/14	

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: 11/11/14



Date: 11/11/14

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

ECO Firma Farms

Cannabinoid results for the sample received on 11/5/14.

Analysis by GC/MS (Mod 8270)

Sample Name:	CPDS /		Batch QC		Batch QC	140118-BLK	Detection Limit	
	Lab ID:	Afgani #1	14K006-04	14K006-04dup				
THC		702			717	706	ND	0.5 mg/g
as THC		35.1			36	35	ND	0.5 mg/g
as THCA		754			770	758	ND	0.5 mg/g
CBD Cannabidiol		2.6			4.5	4.3	ND	0.5 mg/g
as CBD		ND			ND	ND	ND	0.5 mg/g
as CBDA		2.8			4.8	4.6	ND	0.5 mg/g
CBN Cannabinol		11.6			9.8	9.4	ND	0.5 mg/g
*CBC1 Cannabichromene		ND			ND	ND	ND	0.5 mg/g
*CBC2 Cannabichromene		ND			ND	ND	ND	0.5 mg/g
*CBC3 Cannabichromene		ND			ND	ND	ND	0.5 mg/g
CBC Cannabichromene		14.4			9.8	9.3	ND	0.5 mg/g
*THCV Tetrahydrocannabivarin		4.6			15.2	14.3	ND	0.5 mg/g
*CBG Cannabigerol		30			26	25	ND	0.5 mg/g
*CBDV Cannabidivanol		ND			ND	ND	ND	0.5 mg/g
delta-8-THC		ND			ND	ND	ND	0.5 mg/g
*?THC-C4		1.1			2.1	2.0	ND	0.5 mg/g
*CBP ?Cannabipat		ND			ND	ND	ND	0.5 mg/g
*CB1 ?CBD-C1		ND			ND	ND	ND	0.5 mg/g
*CB2 ?THC-C1		0.5			ND	0.5	ND	0.5 mg/g
*CB3 ?Cannabi-three		ND			1.1	1.1	ND	0.5 mg/g
*CB4 ?Cannabi-four		1.8			6.3	6.3	ND	0.5 mg/g
*CB5 ?Cannabi-five		1.4			1.4	1.0	ND	0.5 mg/g
*CB6 ?(Z)-CBG-C5		ND			0.7	ND	ND	0.5 mg/g
*CB7 ?Cannabi-seven		ND			ND	ND	ND	0.5 mg/g
*CB8 ?Cannabi-eight		ND			ND	ND	ND	0.5 mg/g
*CB9 ?Cannabi-nine		0.7			0.5	0.5	ND	0.5 mg/g
*CB10 ?Cannabi-ten		ND			ND	ND	ND	0.5 mg/g
*Wax1 ?C29		ND			ND	ND	ND	0.5 mg/g
*Wax2 ?C30		ND			ND	ND	ND	0.5 mg/g
Water (% moisture)		0.0%			0.0%	0.0%	NA	±0.2%
Surrogate % Recovery:		95%			95%	91%	95%	d6-Phenol
Extraction Date:		11/7/14			11/7/14	11/7/14	11/7/14	
Analysis Date:		11/8/14			11/8/14	11/8/14	11/8/14	

NA = Not Applicable

ND = Not Detected

Batch QC - High RPD's, due to sample.

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.

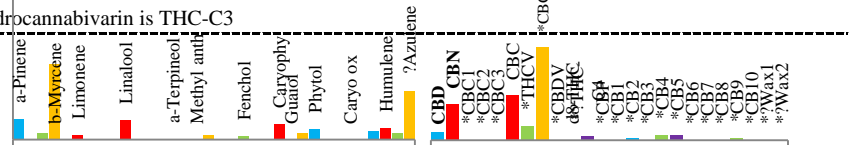
NOTE: THCV Tetrahydrocannabivarin is THC-C3

Analyst: *Pat Marshall*
Sr. Chemist

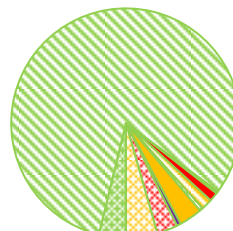
Date: 11/11/14

CPDS / AFGANI #1

Analysis Date: 11/8/14



THC	70.2%
as THC	3.51%
as THCA	75.4%
CBD	0.26%
as CBD	0.00%
as CBDA	0.28%
CBN	1.16%
total CBC	1.44%
THCV*	0.46%
CBG*	3.0%

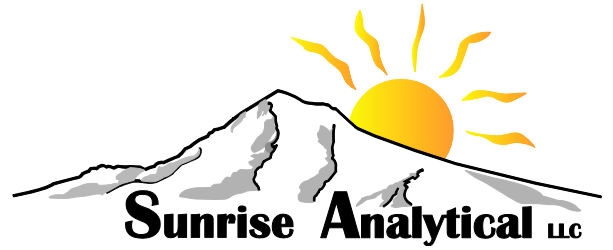


Wax	0%
Other CB's	0.5%
Monoterpenes	2.7%
Sesquiterpenes	4.1%
Water	0%

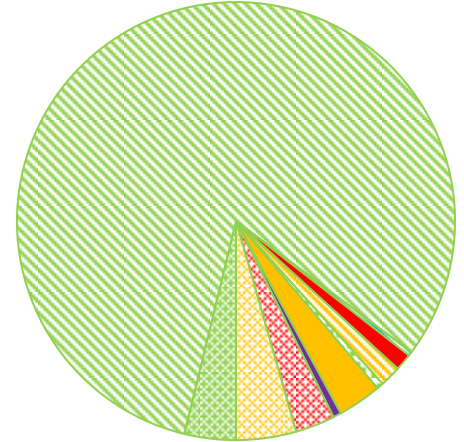


CPDS / AFGANI #1

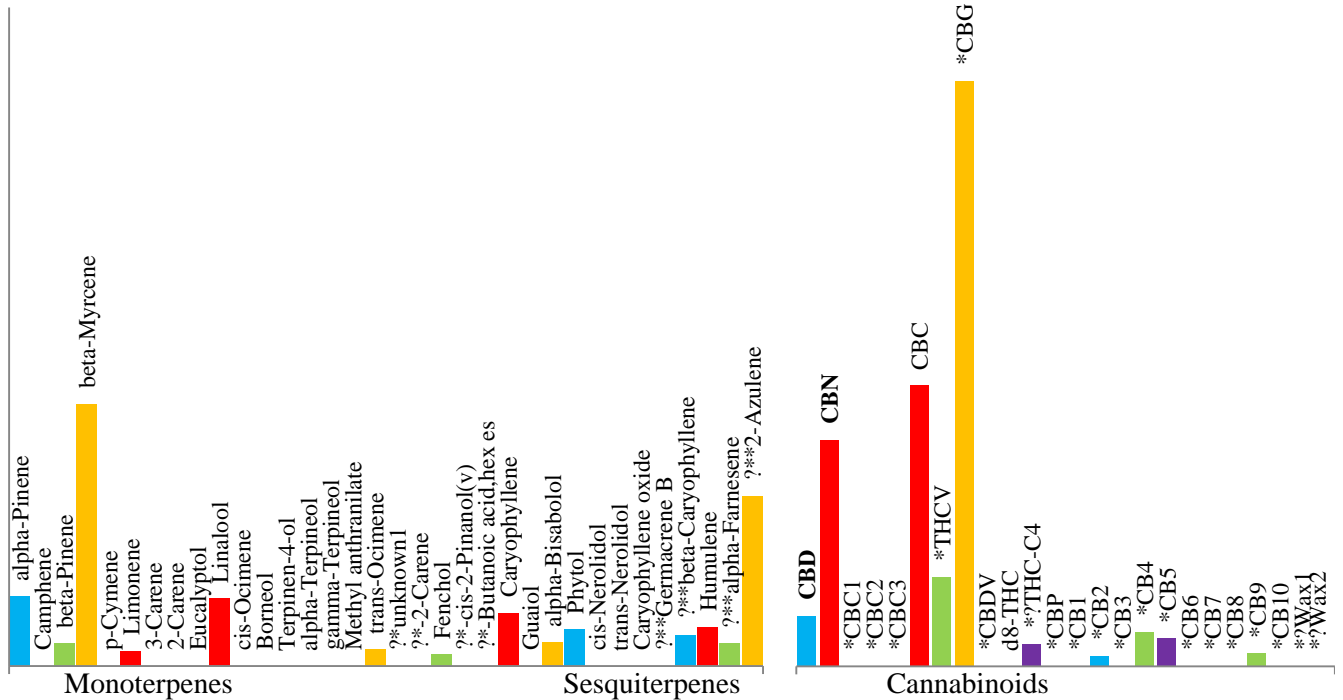
Analysis Date: 11/8/14
 UV/Vis Inspection:
 Method 8270:



	THC	70.2%
■	as THC	3.51%
■	as THCA	75.4%
	CBD	0.26%
■	as CBD	0.00%
■	as CBDA	0.28%
	CBN	1.16%
■	total CBC	1.44%
	THCV	0.46%
■	CBG	3.0%
	Other CB's	0.5%
■	Monoterpenes	2.7%
■	Sesquiterpenes	4.1%
■	Water	0%
■	Wax	0%



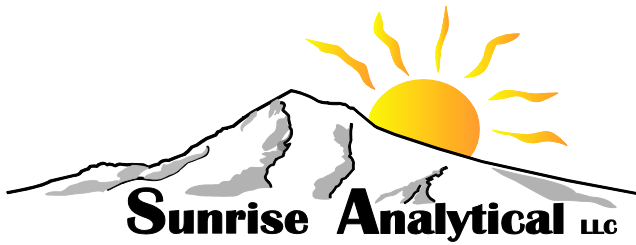
Pie Chart based on Total Extractables



Notes:

Analyst: Pat Marshall
 Sr. Chemist

Date: 11/11/14



Date: 11/11/14

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

ECO Firma Farms

Solvent results for the sample received on 11/5/14.

Analysis by GC/MS (Mod 8270) | Detection Limit

	CPDS /					
Sample Name:	Afgani #1					
Lab ID:	14K006-05					140118s-BLK
Propane	ND					ND
Isobutane	ND					ND
Butane	ND					ND
2-Methyl Butane	ND					ND
Pentane	ND					ND
2-Methyl pentane	ND					ND
3-Methyl pentane	ND					ND
Hexane	ND					ND
Methyl cyclopentane	ND					ND
Isopropyl alcohol	ND					ND
other	ND					ND
Extraction Date:	11/7/14					11/7/14
Analysis Date:	11/8/14					11/8/14

NOTES:

Estimated detection limit of 100ppm based on Hexane

ND = Not Detected

-BLK = The method blank associated with this batch.

-dup = The method duplicate associated with this batch.

Analyst: Pat Marshall
 Sr. Chemist

Date: 11/11/14