

**Sample Name: Gold**

Client: isodiol  
 Sample Type: Oil  
 Strain: Unknown

Submitted: July 06, 2017  
 Tested: July 06, 2017  
 Expires: January 02, 2018  
 Submitted for: HPLC, Terpenes, Residual Solvent,

**Cannabinoid Profiling**

Analysis of major cannabinoids by advanced chromatography. [GC: SOP-010; HPLC: SOP-014]

	HPLC		GC	
	Percent	mg/g	Percent	mg/g
d9-THC	0.28	2.76	NA	NA
d8-THC	ND*	ND*	NA	NA
THCA	0.40	4.00	NA	NA
THCV	ND*	ND*	NA	NA
CBC	1.43	14.25	NA	NA
CBG	0.11	1.12	NA	NA
CBGA	ND*	ND*	NA	NA
CBN	ND*	ND*	NA	NA
CBD	24.20	242.03	NA	NA
CBDV	0.10	1.00	NA	NA
CBDA	ND*	ND*	NA	NA
<b>Total</b>	<b>26.52</b>	<b>265.15</b>	<b>NA</b>	<b>NA</b>

HPLC/DAD results are not moisture normalized.  
 ~41% Decarboxylated THC



**Microbiological Screening**

Petrifilm screening for microbiological contamination. [SOP-009]

	Count	Client Limit**	Status***
APC	NA		
Yeast & Mold	NA		
Coliform	NA		
E coli	NA		
Pseudomonas	NA		
Salmonella	NA		

\*TNTC = Too Numerous To Count  
 \*\*Client Limit = The limit is self-selected and will be replaced by official CA state limits when they become available.  
 \*\*\*Pass/Fail based on client limit selected.

**Terpene Profiling**

Analysis of terpenes. [SOP-012]

Percent		Percent		Percent	
b-Myrcene	ND*	Sabinene	ND*	Elemene	ND*
Nerol	ND*	b-Pinene	ND*	Phellandrene	ND*
Nerolidol	ND*	Camphene	ND*	Isopulegol	ND*
Ocimene	ND*	Eucalyptol	ND*	Linalool	ND*
a-Bisbolol	ND*	(-)-Fenchone	ND*	(+)-Fenchone	ND*
Farnasene	ND*	Fenchol	ND*	a-Caryophyllene	ND*
Valencene	ND*	Camphor	ND*	Guaiol	ND*
d3-Carene	ND*	Borneol	ND*	Bergamotene	ND*
d-Limonene	ND*	Pulegone	ND*	Terpineol	ND*
g-Terpinene	ND*	Cedrol	ND*	Terpinolene	ND*
a-Pinene	ND*	b-Caryophyllene	ND*	a-Terpinene	ND*
<b>Total Terpenes</b>		<b>0.0 Percent</b>			

\*ND = Not Detected

**Residual Solvent Analysis**

Analysis of residual solvents. [SOP-011]

	PPM	Client Limit**		PPM	Client Limit**
Acetone	<400	400	Isopropanol	<400	400
Benzene	<400	400	Methanol	<400	400
Ethanol	<400	400	nButane	<400	400
Heptane	<400	400	Pentane	<400	400
Hexane	<400	400	Propane	<400	400
Isobutane	<400	400	Toluene	<400	400

**Sum of Residual Solvents <400 PPM**

**Status: Pass (Client Limit\*\*: 400 PPM)**

\*ND = Not Detected  
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**Chemical Residue Screening**

Targeted analysis of chemical residues. [SOP-017]

	PPB	Client Limit*	Status***		PPB	Client Limit**	Status***
Abamectin				Myclobutanil			
Acephate				Paclobutrazol			
Acetamiprid				Permethrin			
Azoxystrobin				Phosmet			
Bifenazate				Piperonyl butoxide			
Bifenthrin				Prallethrin			
Boscalid				Propiconazole			
Carbaryl				Propoxure			
Carbofuran				Pyrethrin			
Chlorantraniliprole				Pyridaben			
Chlorpyrifos				Spinosyn A			
Clofentezine				Spinosyn D			
Daminozide				Spiromesifen			
Dichlorvos				Spirotetramat			
Diazinon				Spiroxamine			
Dimethoate				Tebuconazole			
Ethoprophos				Thiacloprid			
Etofenprox				Thiamethoxam			
Etoxazole				Trifloxystrobin			
Fenoxycarb				Acequinocyl			
Fenpyroximate				Aflatoxin B1			
Hexythiazox				Aflatoxin B2			
Imazalil				Aflatoxin G1			
Imidacloprid				Aflatoxin G2			
Kresoxim-methyl				Cyfluthrin			
Malathion				Fonicamid			
Metalaxyl				Fludioxonil			
Methiocarb				Cypermethrin			

\*ND = Not Detected

\*\*Client Limit is self-selected and will be replaced by official CA State limits when they become available

\*\*\*Pass/Fail based on client limit selected.



This sample was tested by CW Analytical Laboratories.  
 Results are valid through the expiration date indicated.

*Robert W. Martin*  
 Robert W. Martin, PhD