

**Sample Name: Resubmit CW27986s03**

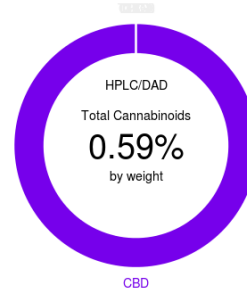
Client: gaialogicorganics  
 Sample Type: Liquid  
 Strain: Unknown  
 Moisture: 0.0% [LPG-001]

Submitted: July 24, 2018  
 Tested: July 24, 2018  
 Expires: July 20, 2019  
 Submitted for: HPLC,

**Profiling by Liquid Chromatography - Pass**

(SOP-014) | Date Performed: 2018-07-24

Cannabinoid	Percent	mg/g	mg/mL	LOQ (mg/g)	LOD (mg/g)	L.C. <sup>1</sup>	Status
d9-THC	<LOQ	<LOQ	<LOQ	0.30	0.10	-	Pass
d8-THC	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	0.30	0.10	-	Pass
THCA	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	0.30	0.10	-	Pass
THCV	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	0.30	0.10	-	Pass
CBG	<LOQ	<LOQ	<LOQ	0.30	0.10	-	Pass
CBGA	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	0.30	0.10	-	Pass
CBN	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	0.30	0.10	-	Pass
CBD	0.59	5.95	6.05	0.30	0.10	-	Pass
CBDV	<LOQ	<LOQ	<LOQ	0.30	0.10	-	Pass
CBDA	ND <sup>1</sup>	ND <sup>1</sup>	ND <sup>1</sup>	0.30	0.10	-	Pass
<b>Total</b>	<b>0.59</b>	<b>5.95</b>	<b>6.05</b>	<b>NA</b>	<b>NA</b>	-	<b>Pass</b>
<b>Total THC</b>	<b>ND<sup>1</sup></b>	<b>ND<sup>1</sup></b>	<b>ND<sup>1</sup></b>	<b>-</b>	<b>-</b>	-	<b>Pass</b>
<b>Total CBD</b>	<b>0.59</b>	<b>5.95</b>	<b>6.05</b>	<b>-</b>	<b>-</b>	-	<b>Pass</b>



Product Density (HPLC) = 1,016.0 mg/ml  
 ~100% Decarboxylated THC  
<sup>1</sup>L.C. = Label Claim in Mg/g  
 Total THC = ((THCA\*0.877)+ d9-THC)  
 Total CBD = ((CBDA\*0.877)+ CBD)

**Microbiological Screening -**

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed:

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	NA	< 1 cfu/g	cfu/g	
Salmonella	NA	< 1 cfu/g	cfu/g	
Aspergillus	NA	< 1 cfu/g	cfu/g	
Pseudomonas	NA	< 1 cfu/g	cfu/g	
APC	NA	< 1 cfu/g	cfu/g	
E. Coli	NA	< 1 cfu/g	cfu/g	
Coliform	NA	< 1 cfu/g	cfu/g	
Yeast & Mold	NA	< 1 cfu/g	cfu/g	

\*TNTC = Too Numerous To Count

<sup>1</sup>ND = Not Detected

**Residual Solvent Analysis -**

Analysis of residual solvents. [SOP-011] | Date Performed:

Solvent	ug/g	Action Limit	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Choride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Ethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

\*ND = Not Detected

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

**Foreign Material Analysis -**

Analysis to determine whether foreign material is present | Date Performed:

Analysis	Status

CW uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgement. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



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

*Robert W Martin*  
 Robert W Martin, PhD

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**Chemical Residue Screening -**

Targeted analysis of chemical residues. [SOP-017] | Date Performed:

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status		ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit	Status
Abamectin	NT					Fludioxonil	NT				
Acephate	NT					Hexythiazox	NT				
Acequinocyl	NT					Imazalil	NT				
Acetamiprid	NT					Imidacloprid	NT				
Aldicarb	NT					Kresoxim-methyl	NT				
Azoxystrobin	NT					Malathion	NT				
Bifenazate	NT					Metalaxyl	NT				
Bifenthrin	NT					Methiocarb	NT				
Boscalid	NT					Methomyl	NT				
Captan	NT					Mevinphos	NT				
Carbaryl	NT					Myclobutanil	NT				
Carbofuran	NT					Naled	NT				
Chlorantraniliprole	NT					Oxamyl	NT				
Chlordane	NT					Paclobutrazol	NT				
Chlorfenapyr	NT					Parathion methyl	NT				
Chlorpyrifos	NT					PCNB	NT				
Clofentezine	NT					Permethrin	NT				
Coumaphos	NT					Phosmet	NT				
Cyfluthrin	NT					Piperonyl butoxide	NT				
Cypermethrin	NT					Prallethrin	NT				
Daminozide	NT					Propiconazole	NT				
Diazinon	NT					Propoxure	NT				
Dichlorvos	NT					Pyrethrin	NT				
Dimethoate	NT					Pyridaben	NT				
Dimethomorph	NT					Spinetoram	NT				
Ethoprophos	NT					Spinosad	NT				
Etofenprox	NT					Spiromesifen	NT				
Etoxazole	NT					Spirotetramat	NT				
Fenhexamid	NT					Spiroxamine	NT				
Fenoxycarb	NT					Tebuconazole	NT				
Fenpyroximate	NT					Thiacloprid	NT				
Fipronil	NT					Thiamethoxam	NT				
Flonicamid	NT					Trifloxystrobin	NT				

\*ND = Not Detected  
 NT = Not Tested

**Terpene Profiling -**

Analysis of terpenes. [SOP-012] | Date Performed:

	PPM	mg/g	L OQ (mg/g)	LO D (mg/g)	L.C. <sup>2</sup>	Status		PPM	mg/g	L OQ (mg/g)	LO D (mg/g)	L.C. <sup>2</sup>	Status
b-Myrcene	NT						Camphor	NT					
Nerol	NT						Borneol	NT					
Nerolidol	NT						Pulegone	NT					
Ocimene	NT						Cedrol	NT					
a-Bisbolol	NT						b-Caryophyllene	NT					
Farnasene	NT						Elemene	NT					
Valencene	NT						Phellandrene	NT					
d3-Carene	NT						Isopulegol	NT					
d-Limonene	NT						Linalool	NT					
g-Terpinene	NT						(+)-Fenchone	NT					
a-Pinene	NT						a-Caryophyllene	NT					
Sabinene	NT						Guaiol	NT					
b-Pinene	NT						Bergamotene	NT					
Camphene	NT						Terpineol	NT					
Eucalyptol	NT						Terpinolene	NT					
(-)-Fenchone	NT						a-Terpinene	NT					
Fenchol	NT												

**Total Terpenes 0.0 PPM**

<sup>1</sup>ND = Not Detected  
<sup>2</sup>L.C. = Label Claim

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