


LABORATORY CANNABINOID PROFILE CERTIFICATE OF ANALYSIS	Extraction Date:08-Feb-17
	Analysis Date/Time:08-Feb-17, 16:41:09








CUSTOMER INFORMATION		SAMPLE DETAILS	
Company:	Alaska Cannabis Exchange	Sample name	ACE Hemp Oil in MCT (30mL)
Contact Person:	Darrick Fitz	Sample number	4429
Contact Email:	fitzdarrick@yahoo.com	Sample Information	600mg CBD
Contact phone:	303-330-5681		

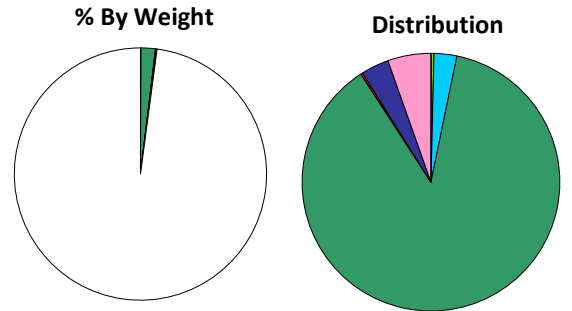
Substance Potency Analysis

CANNABINOID	Mg. PER GRAM	TOTAL Mg. IN A	<u>1</u>	GRAM PACKAGE (as reported by client)
CBD MAXIMUM *	18.536	18.536		
THC MAXIMUM *	0.735	0.735		
CBDA	0.080	0.080		
CBG	0.602	0.602		
CBD	18.466	18.466		
CBN	0.052	0.052		
THC	0.735	0.735		
CBC	1.143	1.143		
THCA	0.000	0.000		

CANNABINOIDS REPORTED AS "0" WERE BELOW DETECTABLE LEVELS

Substance Distribution Analysis

COLOR CODE	CANNABINOID	% BY WEIGHT	Distribution
	CBDA	0.008	0.38%
	CBG	0.060	2.85%
	CBD	1.847	87.61%
	CBN	0.005	0.25%
	THC	0.074	3.49%
	CBC	0.114	5.42%
	THCA	0.000	0.00%



White in % by weight is inert material

* All cannabinoids in their acid forms (ending in "A") are convertible to their non-acid forms via a decarboxylation process (heating). The THC and CBD maximum values reported above are the maximum theoretical amounts of THC and CBD the tested product would have if it were fully decarboxylated.

MacKenzie Keller
MacKenzie Keller
Laboratory Director

** Maximum % THC values exceeding three-tenths of one percent (0.3%) on a dry weight basis do not qualify as industrial hemp

** Maximum % THC Value for this sample is: **0.07 %**



Human CBD Ingest

Sample ID: BK18903-5	Batch ID: 12150		
Customer: Alaska Cannabis Exchange	Type: Tincture	Instrument: UPLC-PDA-MS	Submitted: 01/04/17
Test Site: Berkeley, CA	Test: Pesticides	Method: SOP-002	Reported: 01/07/17

Pesticides Analysis Summary

Pesticide	Parts per Million (ppm)
Abamectin-B1a	Not Detected
Abamectin-B1b	Not Detected
Bifenazate	Not Detected
Bifenthrin	Not Detected
Chloromequat	Not Detected
Daminozide	Not Detected
Etoxazole	Not Detected
Fenoxycarb	Not Detected
Imazalil	Not Detected
Imidacloprid	Not Detected
Myclobutanil	Not Detected
Paclobutrazol	Not Detected
Pyrethrins-I	Not Detected
Pyrethrins-II	Not Detected
Spinosad-A	Not Detected
Spinosad-D	Not Detected
Spiromesifen	Not Detected
Spirotetramat	Not Detected
Trifloxystrobin	Not Detected
Total Measured:	0 ppm

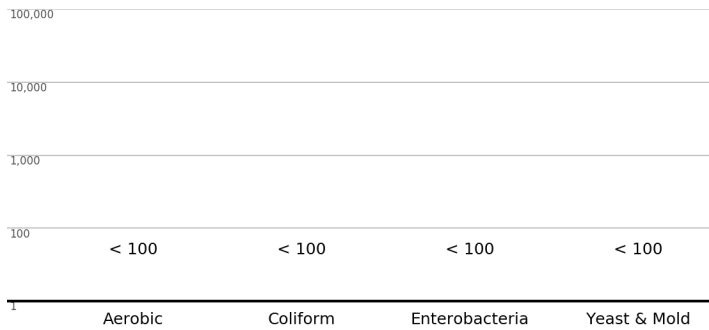


Human CBD Ingest

Sample ID: BK18903-2	Batch ID: 12150		
Customer: Alaska Cannabis Exchange	Type: Tincture	Instrument: Tempo/Vidas	Submitted: 01/04/17
Test Site: Berkeley, CA	Test: Standard Micro	Method: SOP-007	Reported: 01/09/17

Microbials Detected

Microbials	Result	
Aerobic	< 100	CFU/g
Coliform	< 100	CFU/g
Enterobacteria	< 100	CFU/g
Yeast & Mold	< 100	CFU/g
E. coli (O157:H7)	Not Detected	
Salmonella	Not Detected	





Human CBD Ingest

Sample ID: BK18903-5	Batch ID: 12150		
Customer: Alaska Cannabis Exchange	Type: Tincture	Instrument: UPLC-PDA-MS	Submitted: 01/04/17 Density: 0.966 g/mL
Test Site: Berkeley, CA	Test: Standard Terpenes	Method: SOP-002	Reported: 01/07/17

Compound Profile: Terpenes

Terpene	mg/mL	mg/g
β -Caryophyllene	Not Detected	
Caryophyllene oxide	Not Detected	
Citronellol	Not Detected	
D-Limonene	Not Detected	
α -Humulene	Not Detected	
Linalool	Not Detected	
β -Myrcene	0.85 mg/mL	0.88 mg/g
Phytol	Not Detected	
α -Pinene	Not Detected	
Terpinolene	Not Detected	