Sample:	Jack Herer
Matrix:	Flower
STL Number:	1240-01
Batch Number:	006
Harvest/Process Date:	N/A

Potency

Ref. Method(s): J AOAC 2015 V98-6
ASTM Method D2216-10

Extraction Date: 10/8/2019

Mass Extracted (g): 0.2220

Final Volume (mL): 20

Dry wt. corr. mass (g): 0.1901

Moisture Content (%): 14.39

	mg/L	Dilution Factor	Conc. In Sample - dry (mg/g)	Potency %	Potency LOQ (%)	Analytical Date	Analyst
CBDV	0	5	0.000	**0.00**	0.05	10/9/2019	SIF
CBDA	1.814	5	0.954	**0.10**	0.05	10/9/2019	SIF
CBGA	13.626	5	7.170	**0.72**	0.05	10/9/2019	SIF
CBG	1.163	5	0.612	**0.06**	0.05	10/9/2019	SIF
CBD	0	5	0.000	**0.00**	0.05	10/9/2019	SIF
THCV	0	5	0.000	**0.00**	0.05	10/9/2019	SIF
CBN	0	5	0.000	**0.00**	0.05	10/9/2019	SIF
d9-THC	35.391	5	18.622	**1.86**	0.05	10/9/2019	SIF
d8-THC	0	5	0.000	**0.00**	0.05	10/9/2019	SIF
CBC	0	5	0.000	**0.00**	0.05	10/9/2019	SIF
THCA	32.341	50	170.167	**17.02**	0.53	10/9/2019	SIF
			Total Cannabinoid:	**19.75**	**%**		
			Total THC:	**16.79**	**%**		
			Total CBD:	**0.08**	**%**		

Contaminants and Filth

Analytical Date: 10/7/2019

Reference Method: FDA Proc from Microanalytical Procedures Manual Section V-8, Subsection 4

Result: Pass

These samples were run in accordance with current ISO 17025 standards.

All associated batch QC passed within acceptable limits.

Total THC is calculated as [(THCA x 0.8770) + d9-THC]. Total CBD is calculated as [(CBDA x 0.8770) + CBD].

Approved By:

Lab Director

Sample:	Jack Herer
Matrix:	Flower
STL Number:	1240-01
Batch Number:	006
Harvest/Process Date:	N/A

Mycotoxins

Analysis Date: 10/12/2019 Analyzed By: Cannabest Labs Ref Method: CBL Method 3

Compound	Conc. In Sample (If Above 1/2 Action Level) (µg/kg)	Action Level (µg/kg)	Pass
Aflatoxin B1	ND	20	Yes
Aflatoxin B2	ND	20	Yes
Aflatoxin G1	ND	20	Yes
Aflatoxin G2	ND	20	Yes
Ochratoxin A	ND	20	Yes

Sample:	Jack Herer
Matrix:	Flower
STL Number:	1240-01
Batch Number:	006
Harvest/Process Date:	N/A

Pesticides

Analysis Date: 10/12/2019 Analyzed By: Cannabest Labs Ref Method: CBL Method 2

Compound	Pass	Action Level (µg/g)	Conc. In Sample (µg/g)
Abamectin (71751-41-2)	Yes	0.5	ND
Azoxystrobin (131860-33-8)	Yes	0.5	ND
Bifenazate* (149877-41-8)	Yes	0.5	ND
Etoxazole (153233-91-1)	Yes	0.5	ND
Imazalil (35554-44-0)	Yes	0.5	ND
Imidacloprid (138261-41-3)	Yes	0.5	ND
Malathion (121-75-5)	Yes	0.5	ND
Myclobutanil (88671-89-0)	Yes	0.5	ND
Permethrins* (52645-53-1)	Yes	0.5	ND
Spinosad A (168316-95-8)	Yes	0.5	ND
Spinosad D (168316-95-8)	Yes	0.5	ND
Spiromesifen (283594-90-1)	Yes	0.5	ND
Spirotetramat (203313-25-1)	Yes	0.5	ND
Tebuconazole (80443-41-0)	Yes	0.5	ND

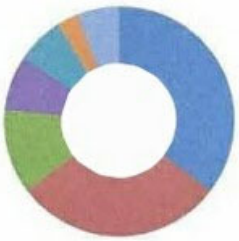
Sample:	Jack Herer
Matrix:	Flower
STL Number:	1240-01
Batch Number:	006
Harvest/Process Date:	N/A

Terpenes

Ref. Method(s): J AOAC 2015 V98-6
Shimadzu Scientific Whitepaper: GCMS-1604
Agilent Technologies App Note: 5991-8499EN

Mass Extracted (g): 0.0218

	From Instrument (ug/g)	ug on column (10uL)	wt %	PQL (%)	Analytical Date	Analyst
.alpha.-Pinene	6431.05	29.50	**0.295**	0.00179	10/8/2019	SIF
Camphene	137.99	0.63	**0.006**	0.00179	10/8/2019	SIF
.beta.-Myrcene	7774.26	35.66	**0.357**	0.00179	10/8/2019	SIF
.beta.-Pinene	2622.05	12.03	**0.120**	0.00179	10/8/2019	SIF
3-Carene	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
Alpha Terpinene	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
D-Limonene	1455.87	6.68	**0.067**	0.00179	10/8/2019	SIF
p-Cymene	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
.beta.-Ocimene	251.92	1.16	**0.012**	0.00179	10/8/2019	SIF
Eucalyptol	160.20	0.73	**0.007**	0.00179	10/8/2019	SIF
.gamma.-Terpinene	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
Terpinolene	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
Linalool	190.00	0.87	**0.009**	0.00179	10/8/2019	SIF
Isopulegol	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
Geraniol	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
Caryophyllene	1690.53	7.75	**0.078**	0.00179	10/8/2019	SIF
Humulene	476.32	2.18	**0.022**	0.00179	10/8/2019	SIF
Nerolidol cis	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
Nerolidol trans	107.37	0.49	**0.005**	0.00179	10/8/2019	SIF
Guaiol	657.54	3.02	**0.030**	0.00179	10/8/2019	SIF
Caryophyllene oxide	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
.alpha.-Bisabolol	0.00	0.00	**0.000**	0.00179	10/8/2019	SIF
	Percent Terpenes by wt:		**1.007**			



- .beta.-Myrcene
- .alpha.-Pinene
- .beta.-Pinene
- Caryophyllene
- D-Limonene
- Guaiol
- All Other Terpenes

These samples were run in accordance with current ISO 17025 standards.
All associated batch QC passed within acceptable limits.

Approved By: _____
Lab Director

Sample:	Jack Herer
Matrix:	Flower
STL Number:	1240-01
Batch Number:	006
Harvest/Process Date:	N/A

Heavy Metals

Analysis Date: 10/10/2019 Analyzed By: QCANN Laboratory Ref Method: EPS

Compound	Conc. In Sample (If Above 1/2 Action Level) (µg/kg)	Action Level* (µg/kg)	Pass
Arsenic (As)	ND	400	Yes
Cadmium (Cd)	ND	440	Yes
Lead (Pb)	ND	1000	Yes
Mercury (Hg)	ND	200	Yes