F.A.S.T. LABORATORIES/RESEARCH

Arkansas Location
Laboratory Address: 232 S. Broadview St.
Greenbrier, AR 72058
Telephone: (501) 679-2616

Oklahoma Location
Laboratory Address: 3680 E. Interstate 240 Service Rd.
Oklahoma City, OK 73135
Telephone: (405) 595-0344
Email Address: Info@FASTLaboratories.com

CERTIFICATE OF ANALYSIS

Project: CBD
Order ID: 2019000048
Customer ID: 86807921
Customer Name: Can-Tek
Harvest/Extract Lot: CTK-120618-1

Cultivar (Strain): Sat-A-Vet (30mL)
Sample Date: 01/08/2019
Lab ID: 2019000189
Date Received: 01/08/2019
Sample Matrix: Oil/Tincture
Date Completed: 01/11/2019

Remarks:

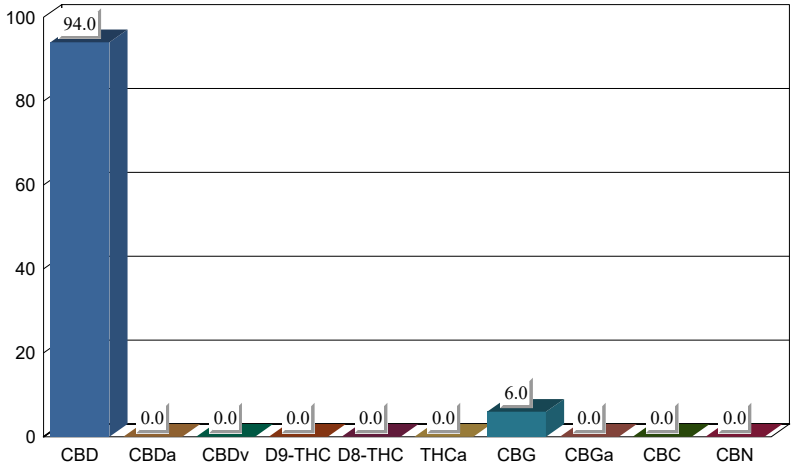
Analysis Date/Time: 01-10-2019 1057
Analyst: KWF
Method: HPLC/UV
Instrument: Agilent 1100
Moisture Content (%): -
Water Activity (aw): - at - ºC

Cannabinoid	Result (%)	Result (mg/mL)	Reporting Limit (mg/mL)	Per Unit (mg)
CBD	0.489	4.89	0.05	147
CBDa	<RL	<RL	0.05	-
CBDv	<RL	<RL	0.05	-
Δ9-THC	<RL	<RL	0.05	-
Δ8-THC	<RL	<RL	0.05	-
THCa	<RL	<RL	0.05	-
CBC	<RL	<RL	0.05	-
CBG	0.0310	0.310	0.05	9.30
CBGa	<RL	<RL	0.05	-
CBN	<RL	<RL	0.05	-
TOTAL	1.04	5.20		156
TOTAL THC	<RL	<RL		-
TOTAL CBD	0.489	4.89		147

UNIT VOLUME (mL): 30.0

Cannabinoid Distribution

(% of Total Cannabinoids)



Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ9-THC
Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.
mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

This information is provided as a service and makes no claims of efficacy and/or safety of this product.
Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.
This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.
The statements and results herein have not been approved and/or endorsed by the FDA.

Kyle W. Felling, Ph.D.
Laboratory Director

REPORT OF LABORATORY ANALYSIS

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