



# Certificate of Analysis

Sample: KN10127004-008

Harvest/Lot ID: TO10121

Seed to Sale #N/A

Batch Date : 01/19/21

Batch#: TO1RCF719

Sample Size Received: 30 gram

Retail Product Size: 30

Ordered : 01/21/21

Sampled : 01/21/21

Completed: 02/02/21 Expires: 02/02/22

Sampling Method: SOP Client Method

**PASSED**

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Feb 02, 2021 | Heartland Hemp Inc.

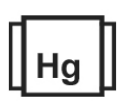
6802 Ridge Rd.  
Port Richey, FL, 34668, US



PRODUCT IMAGE SAFETY RESULTS



Pesticides  
NOT TESTED



Heavy Metals  
NOT TESTED



Microbials  
NOT TESTED



Mycotoxins  
NOT TESTED



Residuals  
Solvents  
NOT TESTED



Filtration  
NOT TESTED



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC  
**0.024%**



Total CBD  
**0.486%**



Total Cannabinoids  
**0.544%**

Parameter	Value	LOD
TOTAL CANN	0.544%	0.01%
TOTAL THC	0.024%	0.01%
TOTAL CBD	0.486%	0.01%
CBDV	ND	0.01%
CBDA	ND	0.01%
CBGA	ND	0.01%
CBG	ND	0.01%
CBD	0.486%	0.01%
THCV	ND	0.01%
CBN	ND	0.01%
D9-THC	0.012%	0.01%
D8-THC	ND	0.01%
CBC	0.031%	0.01%
THCA	0.013%	0.01%

Cannabinoid Profile Test

Analyzed by 113	Weight 0.2289g	Extraction date : NA	Extracted By : NA
<p>Analysis Method - Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 1.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.</p>			
Analytical Batch -KN000336POT	Instrument Used : HPLC E-SHI-008		
Reagent 120320.R02 012621.R09 011421.R24	Dilution 40	Consums. ID 00298878 19/07/15 191208060	
<p>Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.) *Based on FL action limits.</p>			

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**Sue Ferguson**  
Lab Director  
State License # n/a  
ISO Accreditation #  
17025:2017

*Sue Ferguson*  
Signature

02/02/2021  
SIGNED ON