

Blue Orchid

East Fork Hemp LLC
 10325 Takilma Rd.
 Cave Junction, OR 97523
 609-405-2052

Sample Type: Harvested Industrial Hemp
 Sample Date: 11/6/2020
 Analysis Date: 11/11/2020
 Report Date: 11/16/2020

Metric Batch ID:
 Metric Sample ID:

Harvest/Process Date: 10/14/2020
 Report ID: LS-201112-27
 Sample Plan ID:
 Sample Procedure: 160721_LAB-SOP_SampleCollection-v008

Potency

Potency Analysis Date: 11/11/2020
 Potency Batch ID: CAN_111120C
 Potency Method: JAOAC 2015.1

Moisture Content: 8.58%
 Moisture Content Method: AOAC 966.02

10.2%

Total
 CBD

0.423%

Total
 THC

Samples: RMG-SDR-XSF

Analyte	Description	LOQ	RPD	Min.	Max.	Conc.	Unit: %
Δ9THC	Delta-9 Tetrahydrocannabinol	0.0080	-	-	-	0.0106	
THCA	Tetrahydrocannabinolic acid	0.0080	-	-	-	0.470	
CBD	Cannabidiol	0.0080	-	-	-	0.134	
CBDA	Cannabidiolic acid	0.0080	-	-	-	11.5	
Δ8THC	Delta-8 Tetrahydrocannabinol*	0.0080	-	-	-	ND	
THCV	Tetrahydrocannabivarin*	0.0080	-	-	-	ND	
CBG	Cannabigerol*	0.0080	-	-	-	0.0199	
CBGA	Cannabigerolic acid*	0.0080	-	-	-	0.491	
CBC	Cannabichromene*	0.0080	-	-	-	0.0183	
CBCA	Cannabichromenic acid*	0.0080	-	-	-	0.576	
CBN	Cannabinol	0.0080	-	-	-	ND	
Total THC	Δ9THC + (THCA × 0.877)		-	-	-	0.423	
Total CBD	CBD + (CBDA × 0.877)		-	-	-	10.2	
Total			-	-	-	13.2	

Compliance

Moisture Content

Within limits

Analysis Date: 11/11/2020

Pass 


 Bryce Kidd, Ph.D.
 Lab Director


 Aaron Troyer
 Chief Science Officer

This data cannot be used for OLCC or OHA compliance for usable marijuana or marijuana products and is provided for Research and Development purposes only.



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Terpene Analysis Date: 11/13/2020
 Terpene Batch ID: TRP_111320A

Method: JAOAC 2015.1
 Unit: %

Analyte	Avg.	Notes	Analyte	Avg.	Notes
β-Caryophyllene	0.493%		Nerol	ND	
β-Myrcene	0.475%		Pulegone	ND	
α-Pinene	0.323%		Sabinene Hydrate	ND	
Humulene	0.197%		Valencene	ND	
β-Pinene	0.115%		cis-Nerolidol	ND	
β-Ocimene	0.109%		trans-Nerolidol	ND	
Sabinene	0.0998%		α-Bisabolol	ND	
Guaiol	0.0875%		α-Cedrene	ND	
Linalool	0.0549%		α-Ocimene	ND	
Caryophyllene Oxide	0.0403%		α-Phellandrene	ND	
Limonene	0.0322%		α-Terpineol	ND	
Selinadiene	0.0210%		β-Farnesene 1	ND	
Terpinolene	0.00637%		β-Farnesene 2	ND	
Camphene	0.00558%		γ-Terpineol	ND	
α-Terpinene	0.00139%		Total	2.06%	
γ-Terpinene	0.00131%				
Fenchone	0.000961%				
Eucalyptol	0.000878%				
Δ3-Carene	0.000873%				
Azulene	ND				
Borneol	ND				
Camphore	ND				
Cedrol	ND				
Cymene	ND				
Fenchol	ND				
Geraniol	ND				
Geranyl Acetate	ND				
Isoborneol	ND				
Isopulegol	ND				

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Qualifier Flag Descriptions

J	Reported result is an estimate - the value is less than the minimum calibration level but greater than the estimated detection limit (EDL)
U	The analyte was not detected in the sample at the estimated detection limit (EDL)
E	Exceeds calibration range
D	Dilution data - result was obtained from the analysis of a dilution
B	Analyte found in sample and associated blank
C	Co-eluting compound
R	Relative Percent Difference (RPD) outside control limits
NR	Analyte not reported because of problems in sample preparation or analysis
ND	Non-Detect
X	Results from reinjection/repeat/re-column data
EMC	Estimated maximum possible concentration - indicates that a peak is detected but did not meet the method required criteria
M	Manual integration
PS	Peaks split
HB	Control acceptance criteria are exceeded high and the associated sample is below the detection limit
LB	Control acceptance criteria are exceeded low and the associated sample exceeds the regulatory limit
ME	Marginal Exceedance
LR	Low Recovery Analyte
LOQ	Limit of Quantitation