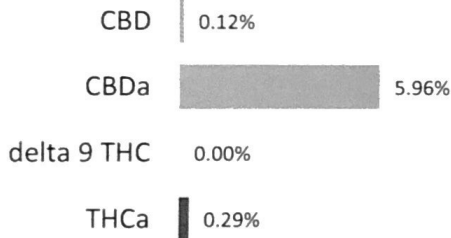
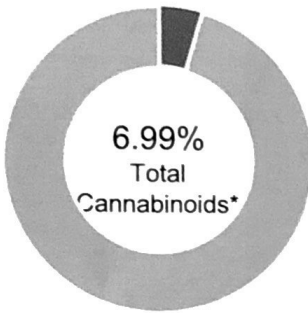


Batch ID: Test ID: 4654020.0059
 Reported: 10-Apr-2020 Method: TM14
 Type: Plant
 Test: Potency

CANNABINOID PROFILE




Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	0.29	2.9
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.02	ND	ND
Cannabidiolic acid (CBDA)	0.08	5.96	59.6
Cannabidiol (CBD)	0.05	0.12	1.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.05	ND	ND
Cannabinol (CBN)	0.02	ND	ND
Cannabigerolic acid (CBGA)	0.03	0.28	2.8
Cannabigerol (CBG)	0.02	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.03	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.08	ND	ND
Cannabidivarin (CBDV)	0.04	ND	ND
Cannabichromenic Acid (CBCA)	0.03	0.34	3.4
Cannabichromene (CBC)	0.03	ND	ND
Total Cannabinoids		6.99	69.90
Total Potential THC**		0.25	2.54
Total Potential CBD**		5.35	53.47

NOTES:
N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected
 ** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step
 Total THC = THC + (THCa * (0.877)) and Total CBD = CBD + (CBDA * (0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL


 Daniel Weidensaul
 10-Apr-2020
 1:09 PM


 Greg Zimpfer
 10-Apr-2020
 4:11 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Colorado Seed Laboratory

Dept of Soil & Crop Sciences, CSU

Fort Collins, CO 80523

Laboratory Report Of Analysis

Account No. 4291	Date Received 06/11/20	Date Completed 06/26/20	Lab Number 20-4626
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Information Provided by Sender

Variety/Product	Abacus
Kind	Hemp
Genus/Species	Cannabis sativa
Lot Number	CRS-012-ABC-0520
Class	Service

Purity Analysis			Viability Analysis					
Component		Purity	Germ Date	Germ	Dormant	Hard	Viable	PLS
Hemp <i>Cannabis sativa</i>		99.30%	06/26/20	90	7	-N-	97	96.32
	Weed seed	0.00%						
	Crop seed	0.00%						
	Inert matter	0.70%						

Other Crop Seeds	None Found	Noxious Weed Seeds in 500 grams	None Found
		For: CO	
		(P)Prohibited Noxious (R)Restricted Noxious	

Weed Seeds	None Found	Other Determinations
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Status: Completed

Tests Requested: Germination, Purity. No other tests requested.
Services Requested: Return sample

WARRANTY: The Association warrants that the purity and germination test results reported on this form have been carried out in accordance with AOSA rules unless otherwise specified. Test results reflect the condition of the submitted sample and may not reflect the condition of the seed lot from which the sample was taken.
DISCLAIMER OF WARRANTIES: THE ASSOCIATION MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE

Signature: Rody Crowl