SC Labs®
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CERTIFICATE OF ANALYSIS

Prepared for:
The Lighthearted Farmer
PO Box 274
Pine, CO USA 80470

SunSet - CBD 600mg/CBN 200mg

Batch ID or Lot Number:	Test:	Reported:	USDA License:
	Potency	**21Nov2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000262173	20Nov2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	17Nov2023	Active

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.064	0.231	1.140	1.25	Density = 0.9125g/mL
Cannabichromenic Acid (CBCA)	0.058	0.211	ND	ND	
Cannabidiol (CBD)	0.199	0.517	20.269	22.21	
Cannabidiolic Acid (CBDA)	0.204	0.531	ND	ND	
Cannabidivarin (CBDV)	0.047	0.122	0.674	0.74	
Cannabidivarinic Acid (CBDVA)	0.085	0.221	ND	ND	
Cannabigerol (CBG)	0.036	0.131	0.636	0.70	
Cannabigerolic Acid (CBGA)	0.151	0.548	ND	ND	
Cannabinol (CBN)	0.047	0.171	6.244	6.84	
Cannabinolic Acid (CBNA)	0.103	0.374	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.180	0.653	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.163	0.593	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.145	0.525	ND	ND	
Tetrahydrocannabivarin (THCV)	0.033	0.119	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.128	0.463	ND	ND	
Total Cannabinoids			**28.963**	**31.74**	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			20.269	22.21	

Final Approval

Sam Smith
21Nov2023
11:38:00 AM MST
PREPARED BY / DATE

Karen Winternheimer
21Nov2023
11:41:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/6f7e1181-ac26-417d-9b4c-c2fd66612053

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

Cert #4329.02