

# CERTIFICATE OF ANALYSIS

Prepared for:  
**Diesel Hemp**

## Soft Gels - Cherry Abacus

Batch ID or Lot Number: SG30A2501	Test: Potency	Reported: 27Feb2025	USDA License: N/A
Matrix: Unit	Test ID: T000236651	Started: 24Feb2025	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 22Feb2025	Status: Active

## Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.100	0.309	0.316	0.49	# of Servings = 1 Sample Weight=0.639g
Cannabichromenic Acid (CBCA)	0.092	0.283	0.979	1.53	
Cannabidiol (CBD)	0.282	0.855	7.006	10.96	
Cannabidiolic Acid (CBDA)	0.289	0.877	19.686	30.80	
Cannabidivarin (CBDV)	0.067	0.202	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.121	0.366	ND	ND	
Cannabigerol (CBG)	0.057	0.176	0.217	0.34	
Cannabigerolic Acid (CBGA)	0.238	0.734	<LOQ	<LOQ	
Cannabinol (CBN)	0.074	0.229	ND	ND	
Cannabinolic Acid (CBNA)	0.163	0.501	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.284	0.875	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.258	0.795	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.228	0.704	<LOQ	<LOQ	
Tetrahydrocannabivarin (THCV)	0.052	0.160	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.201	0.621	ND	ND	
<b>Total Cannabinoids</b>			<b>28.204</b>	<b>44.12</b>	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			24.271	37.97	

## Final Approval



Karen Winternheimer  
28Feb2025  
05:26:00 PM MST

PREPARED BY / DATE



Sam Smith  
28Feb2025  
05:28:00 PM MST

APPROVED BY / DATE

### 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)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



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