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Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:
Diesel Hemp

Soft Gels - Lemon Abacus

Batch ID or Lot Number:	Test:	Reported:	USDA License:
SG14B2501	Potency	10Mar2025	N/A
Matrix:	**Test ID:**	**Started:**	**Sampler ID:**
Unit	T000237839	10Mar2025	N/A
	Method(s):	**Received:**	**Status:**
	TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	07Mar2025	Active

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.105	0.302	0.462	0.74	# of Servings = 1 Sample Weight=0.626g
Cannabichromenic Acid (CBCA)	0.096	0.276	0.596	0.95	
Cannabidiol (CBD)	0.311	0.829	11.052	17.65	
Cannabidiolic Acid (CBDA)	0.319	0.851	13.901	22.20	
Cannabidivarin (CBDV)	0.074	0.196	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.133	0.355	<LOQ	<LOQ	
Cannabigerol (CBG)	0.059	0.171	ND	ND	
Cannabigerolic Acid (CBGA)	0.248	0.717	ND	ND	
Cannabinol (CBN)	0.077	0.224	ND	ND	
Cannabinolic Acid (CBNA)	0.169	0.489	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.295	0.854	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.268	0.776	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.238	0.687	ND	ND	
Tetrahydrocannabivarin (THCV)	0.054	0.156	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.210	0.606	ND	ND	
Total Cannabinoids			**26.011**	**41.54**	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			23.243	37.12	

Final Approval

Sam Smith
10Mar2025
01:57:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
10Mar2025
02:03:00 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)).

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