

CERTIFICATE OF ANALYSIS

Prepared for:
PANACEA LIFE SCIENCES

16194 W 45th Drive
Golden, CO USA 80403

DOWN TO EARTH PRIMITIVE EXTRACTS PET DEFENCE 250 mg TINCTURE

Batch ID or Lot Number: CN07F2302	Test: Potency	Reported: 14Jun2023	USDA License: N/A
Matrix: Unit	Test ID: T000246142	Started: 13Jun2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 09Jun2023	Status: Active


Cannabinoids	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	2.024	6.398	ND	ND	# of Servings = 1 Sample Weight=28.5g
Cannabichromenic Acid (CBCA)	1.851	5.852	ND	ND	
Cannabidiol (CBD)	5.552	16.300	262.574	9.21	
Cannabidiolic Acid (CBDA)	5.694	16.718	ND	ND	
Cannabidivarin (CBDV)	1.313	3.855	ND	ND	
Cannabidivarinic Acid (CBDVA)	2.375	6.974	ND	ND	
Cannabigerol (CBG)	1.149	3.633	ND	ND	
Cannabigerolic Acid (CBGA)	4.804	15.186	ND	ND	
Cannabinol (CBN)	1.499	4.739	ND	ND	
Cannabinolic Acid (CBNA)	3.278	10.361	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	5.724	18.092	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	5.198	16.431	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	4.606	14.558	ND	ND	
Tetrahydrocannabivarin (THCV)	1.045	3.304	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	4.062	12.841	ND	ND	
Total Cannabinoids			262.574	9.21	
Total Potential THC			ND	ND	
Total Potential CBD			262.574	9.21	

Final Approval



Karen Winternheimer
14Jun2023
01:15:00 PM MDT

PREPARED BY / DATE



Sam Smith
14Jun2023
01:17:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/0f64b11c-5ad6-4b30-be56-d9692da640f6>

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.



Cert #4329.02

CDPHE Certified
0f64b11c5ad64b30be56d9692da640f6.1