

Prepared for:
POLIFE, Inc.


PFM.PLF.C1.23716B

Batch ID or Lot Number: PFM.PLF.C1.23822B	Test: Potency	Reported: 17Jul2023	USDA License: N/A
Matrix: Unit	Test ID: T000347079	Started: 16Jul2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 15Jul2023	Status: Active

Cannabinoids

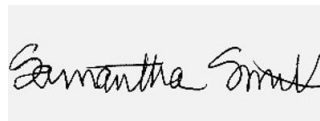
	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.235	0.822	ND	ND	# of Servings = 1 Sample Weight=1.03g
Cannabichromenic Acid (CBCA)	0.215	0.752	ND	ND	
Cannabidiol (CBD)	0.768	2.261	ND	ND	
Cannabidiolic Acid (CBDA)	0.788	2.319	ND	ND	
Cannabidivarin (CBDV)	0.182	0.535	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.329	0.967	ND	ND	
Cannabigerol (CBG)	0.134	0.467	21.790	21.155	
Cannabigerolic Acid (CBGA)	0.559	1.952	ND	ND	
Cannabinol (CBN)	0.174	0.609	ND	ND	
Cannabinolic Acid (CBNA)	0.381	1.332	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.666	2.326	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.604	2.112	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.536	1.871	ND	ND	
Tetrahydrocannabivarin (THCV)	0.122	0.425	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.472	1.651	ND	ND	
Total Cannabinoids			21.790	21.155	
Total Potential THC			0.0	0.00	
Total Potential CBD			21.790	21.155	

Final Approval



Karen Winternheimer
17Jul2023
01:28:00 PM MST

PREPARED BY / DATE



Sam Smith
17Jul2023
01:30:00 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.



Cert #4329.02

CDPHE Certified

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Prepared for:
POLIFE, Inc.


POL PERFORM CAP

Batch ID or Lot Number: 23822B	Test: Heavy Metals	Reported: 17Jul2023	USDA License: NA
Matrix: Unit Co	Test ID: T000346779	Started: 16Jul2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 15Jul2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.50	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.56	ND	
Lead	0.04 - 4.37	ND	

Final Approval


 Sam Smith
 17Jul2023
 12:31:00 PM MST
 PREPARED BY / DATE


 Karen Winternheimer
 17Jul2023
 12:34:00 PM MST
 APPROVED BY / DATE

Definitions
 ND = None Detected (defined by dynamic range of the method)
 Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:
POLIFE, Inc.


POL PERFORM CAP

Batch ID or Lot Number: 23822B	Test: Microbial Contaminants	Reported: 17Jul2023	USDA License: N/A
Matrix: Finished Product	Test ID: T000346781	Started: 16Jul2023	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 15Jul2023	Status: Active

Microbial

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Eden Thompson-Wright
17Jul2023
11:34:00 AM MST

PREPARED BY / DATE



Brianne Maillot
17Jul2023
10:51:00 AM MST

APPROVED BY / DATE

Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation
STEC = Shiga Toxin-Producing E. coli

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Prepared for:
POLIFE, Inc.

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Batch ID or Lot Number: 23822B	Test: Mycotoxins	Reported: 19Jul2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000346782	Started: 18Jul2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 17Jul2023	Status: Active

Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	4.51 - 132.88	ND	N/A
Aflatoxin B1	1.12 - 33.34	ND	
Aflatoxin B2	1.05 - 33.54	ND	
Aflatoxin G1	1.15 - 33.61	ND	
Aflatoxin G2	1.09 - 33.51	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
19Jul2023
07:43:00 AM MST

PREPARED BY / DATE


Karen Winternheimer
19Jul2023
07:44:00 AM MST

APPROVED BY / DATE

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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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Prepared for:
POLIFE, Inc.

POL PERFORM CAP

Batch ID or Lot Number: 23822B	Test: Pesticides	Reported: 13Jul2023	USDA License: NA
Matrix: Concentrate	Test ID: T000346785	Started: 12Jul2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 11Jul2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	287 - 2757	ND	Malathion	278 - 2693	ND
Acephate	42 - 2767	ND	Metalaxyl	45 - 2738	ND
Acetamiprid	41 - 2763	ND	Methiocarb	40 - 2736	ND
Azoxystrobin	41 - 2733	ND	Methomyl	38 - 2770	ND
Bifenazate	41 - 2737	ND	MGK 264 1	178 - 1610	ND
Boscalid	42 - 2801	ND	MGK 264 2	123 - 1152	ND
Carbaryl	38 - 2746	ND	Myclobutanil	35 - 2750	ND
Carbofuran	40 - 2721	ND	Naled	45 - 2715	ND
Chlorantraniliprole	37 - 2705	ND	Oxamyl	40 - 2751	ND
Chlorpyrifos	37 - 2780	ND	Paclotrazol	44 - 2718	ND
Clofentezine	268 - 2721	ND	Permethrin	292 - 2794	ND
Diazinon	275 - 2756	ND	Phosmet	43 - 2737	ND
Dichlorvos	265 - 2778	ND	Prophos	264 - 2718	ND
Dimethoate	39 - 2751	ND	Propoxur	41 - 2723	ND
E-Fenpyroximate	285 - 2784	ND	Pyridaben	285 - 2782	ND
Etofenprox	41 - 2782	ND	Spinosad A	34 - 2219	ND
Etoxazole	285 - 2761	ND	Spinosad D	48 - 500	ND
Fenoxycarb	41 - 2744	ND	Spiromesifen	268 - 2797	ND
Fipronil	43 - 2788	ND	Spirotetramat	283 - 2743	ND
Flonicamid	48 - 2799	ND	Spiroxamine 1	15 - 1173	ND
Fludioxonil	265 - 2757	ND	Spiroxamine 2	17 - 1560	ND
Hexythiazox	48 - 2801	ND	Tebuconazole	275 - 2701	ND
Imazalil	266 - 2735	ND	Thiacloprid	40 - 2765	ND
Imidacloprid	43 - 2766	ND	Thiamethoxam	43 - 2782	ND
Kresoxim-methyl	23 - 2764	ND	Trifloxystrobin	40 - 2742	ND

Final Approval



Karen Winternheimer
13Jul2023
09:34:00 AM MST

PREPARED BY / DATE



Sam Smith
13Jul2023
09:37:00 AM MST

APPROVED BY / DATE

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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Prepared for:
POLIFE, Inc.

POL PERFORM CAP

Batch ID or Lot Number: 23822B	Test: Residual Solvents	Reported: 16Jul2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000346777	Started: 15Jul2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 13Jul2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	100 - 1992	ND	
Butanes (Isobutane, n-Butane)	200 - 4004	ND	
Methanol	61 - 1212	ND	
Pentane	101 - 2019	ND	
Ethanol	104 - 2072	ND	
Acetone	100 - 2002	ND	
Isopropyl Alcohol	106 - 2123	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	102 - 2039	ND	
Benzene	0.2 - 3.9	ND	
Heptanes	102 - 2041	ND	
Toluene	19 - 379	ND	
Xylenes (m,p,o-Xylenes)	140 - 2808	ND	

Final Approval


Samantha Smith
16Jul2023
11:49:00 AM MST

PREPARED BY / DATE


Karen Winternheimer
16Jul2023
11:52:00 AM MST

APPROVED BY / DATE

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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