

Prepared for:  
**POLIFE, Inc.**

## IMM.PLF.C1.23236B

Batch ID or Lot Number: <b>IMM.PLF.C1.23236B</b>	Test: <b>Potency</b>	Reported: <b>13Jul2023</b>	USDA License: N/A
Matrix: Unit	Test ID: T000333217	Started: 12Jul2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 11Jul2023	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=1.01g
Cannabichromenic Acid (CBCA)	0.215	0.752	ND	ND	
Cannabidiol (CBD)	0.768	2.261	10.928	10.820	
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	ND	ND	
Cannabigerolic Acid (CBGA)	0.559	1.952	ND	ND	
Cannabinol (CBN)	0.174	0.609	10.721	10.615	
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	
<b>Total Cannabinoids</b>			<b>21.649</b>	<b>21.435</b>	
Total Potential THC			0.0	0.00	
Total Potential CBD			21.649	21.435	

## Final Approval



Karen Winternheimer  
13Jul2023  
01:25:00 PM MST

PREPARED BY / DATE



Sam Smith  
13Jul2023  
01:29:00 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 IMMUNE CAP

Batch ID or Lot Number: <b>23236B</b>	Test: <b>Heavy Metals</b>	Reported: <b>15Jul2023</b>	USDA License: NA
Matrix: Unit Co	Test ID: T000333200	Started: 14Jul2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 13Jul2023	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  
 15Jul2023  
 03:31:00 PM MST  
 PREPARED BY / DATE

  
 Karen Winternheimer  
 15Jul2023  
 03:32:00 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 IMMUNE CAP

Batch ID or Lot Number: <b>23236B</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>17Jul2023</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000333204	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 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



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

PREPARED BY / DATE



Brianne Maillot  
17Jul2023  
11:51:00 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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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.**

## POL IMMUNE CAP

Batch ID or Lot Number: <b>23236B</b>	Test: <b>Mycotoxins</b>	Reported: <b>18Jul2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000333207	Started: 17Jul2023	Sampler ID: N/A
	Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins	Received: 16Jul2023	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  
18Jul2023  
07:43:00 AM MST

PREPARED BY / DATE

  
Karen Winternheimer  
18Jul2023  
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

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Prepared for:  
**POLIFE, Inc.**

## POL DIGEST CAP

Batch ID or Lot Number: <b>23236B</b>	Test: <b>Pesticides</b>	Reported: <b>13Jul2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000333209	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	Paclbutrazol	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 DIGEST CAP

Batch ID or Lot Number: <b>23236B</b>	Test: <b>Residual Solvents</b>	Reported: <b>14Jul2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000333203	Started: 13Jul2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 12Jul2023	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  
14Jul2023  
11:49:00 AM MST

PREPARED BY / DATE

  
Karen Winternheimer  
14Jul2023  
11:52:00 AM MST

APPROVED BY / DATE

### Definitions

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