

PharmLabs San Diego Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Elm & Rye - Male Libido Gummies**

Sample ID	SD221108-007 (54667)	Matrix	Edible (Other Cannabis Good)
Tested for	Pacific Manufacturing and Design		
Sampled	-	Received	Nov 07, 2022
Analyses executed	RES, MIBNIG, MTO, PES, HME, FVI, MWA	Reported	Nov 09, 2022

HME - Heavy Metals Detection Analysis

Analyzed Nov 09, 2022 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	0.01	1.5	Cadmium (Cd)	3.0e-05	0.0005	<LOQ	0.5
Mercury (Hg)	1.0e-05	0.0001	0.00	3	Lead (Pb)	1.0e-05	0.00125	0.00	0.5

MIBNIG - Microbial Testing Analysis

Analyzed Nov 09, 2022 | Instrument Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed Nov 09, 2022 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Wed, 09 Nov 2022 11:54:51 -0800

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PES - Pesticides Screening Analysis

Analyzed Nov 09, 2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazail	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclbutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.05	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.3
Acephate	0.02	0.05	ND	5	Acetamidprid	0.01	0.05	ND	5
Azoxystrobin	0.01	0.02	ND	40	Bifenazate	0.01	0.05	ND	5
Bifenthrin	0.02	0.35	ND	0.5	Boscalid	0.01	0.03	ND	10
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	40
Clofentezine	0.01	0.03	ND	0.5	Diazinon	0.01	0.02	ND	0.2
Dimethomorph	0.02	0.06	ND	20	Etoxazole	0.01	0.05	ND	15
Fenpyroximate	0.02	0.1	ND	2	Fonicamid	0.01	0.02	ND	2
Fludioxonil	0.01	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2
Imidacloprid	0.01	0.05	ND	3	Kresoxim-methyl	0.01	0.03	ND	1
Malathion	0.01	0.05	ND	5	Metalaxyl	0.01	0.02	ND	15
Methomyl	0.02	0.05	ND	0.1	Myclobutanil	0.02	0.07	ND	9
Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.2
Permethrin	0.01	0.02	ND	20	Phosmet	0.01	0.02	ND	0.2
Piperonyl Butoxide	0.02	0.06	ND	8	Propiconazole	0.03	0.08	ND	20
Prallethrin	0.02	0.05	ND	0.4	Pyrethrin	0.05	0.41	ND	1
Pyridaben	0.02	0.07	ND	3	Spinosad A	0.01	0.05	ND	3
Spinosad D	0.01	0.05	ND	3	Spiromesifen	0.02	0.06	ND	12
Spirotetramat	0.01	0.02	ND	13	Tebuconazole	0.01	0.02	ND	2
Thiamethoxam	0.01	0.02	ND	4.5	Trifloxystrobin	0.01	0.02	ND	30
Acequinocyl	0.02	0.09	ND	4	Captan	0.01	0.02	ND	5
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	1
Fenhexamid	0.02	0.07	ND	10	Spinetoram J.L	0.02	0.07	ND	3
Pentachloronitrobenzene	0.01	0.1	ND	0.2					

RES - Residual Solvents Testing Analysis

Analyzed Nov 08, 2022 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	44.7	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	ND	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (EthAn)	0.4	40.0	446.9	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	ND	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1,2-Dichloroethane (1,2-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEtH)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xylenes (Xyl)	0.4	40.0	ND	2170.0

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Nov 08, 2022 | Instrument Microscope | Method SOP-010

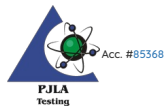
Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
> 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

MWA - Moisture Content & Water Activity Analysis

Analyzed Nov 08, 2022 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	11.6 % Mw	13 % Mw	Water Activity (WA)	0.71 a _w	0.85 a _w

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

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 www.pharmanatural.com

CERTIFICATE OF ANALYSIS

Product Name: Female Performance Enhancer
 Presentation: 60 Capsules per bottle
 Serving Size: 2 Capsules
 Servings Per Unit: 30
 Units per Run: 904
 Lot Number: 13701

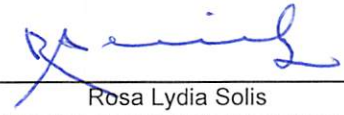
CoA Number: E&R005-2022
 Bulk Number: BK3165
 Manufacture Date: 09/2022
 Expiration Date: 09/2025
 Testing Completed: 09/17/2022
 P.O: 3

Physical Analysis			
Test	Specification	Results	Method
Appearance and Color	Clear Gelatin Capsule "0" filled with Light Brown color powder	Conforms	Visual, SOP 024
Weight (mg)	530 mg ± 10%	569 mg	USP<2091>, SOP L047
Disintegration	< 30 min	10 min	USP<2040>, SOP L048

Chemical Analysis				
Active Ingredients per tablet	Composition (mg)	Specification (mg)	Assay Results	Method
Vitamin A (as beta-carotene)	450 mcg RAE	(405 - 742.5) mcg RAE	Present by input	Input by batch record review
Vitamin B3 (Niacin)	10 mg NE	(9 - 15) mg NE	Present by input	Input by batch record review
Vitamin B6 (as Pyridoxine HCl)	5 mg	(4.5 - 7.5) mg	Present by input	Input by batch record review
Vitamin B12 (as Cyanocobalamin)	25 mcg	(22.5 -37.5) mcg	Present by input	Input by batch record review
L-Arginine HCl	50 mg	(45 -55) mg	Present by input	Input by batch record review
L-Citrulline HCl	50 mg	(45 -55) mg	Present by input	Input by batch record review
Active Ingredients per Capsule			Composition (mg)	Label Claim (mg)
Women Performance Proprietary Blend Ashwagandha (Withania somnifera) Extract (root), Saw Palmetto (Serenoa repens) Extract (berry), Ginkgo (Ginkgo biloba) Extract (leaf) 24% flavones glycoside, Damiana (Turnera diffusa) Extract (leaf), Maca (Lepidium meyenii) Extract (root), Tribulus (Tribulus terrestris) Extract (fruit), Hops (Humulus lupulus) Extract (flower), Muira puama (Ptychopetalum olacoides) Extract (bark), Panax Ginseng (Panax Ginseng)Extract (root)			250	500

Microbiological Analysis			
Test	Specification	Results	Method
Rapid Aerobic Count Plate	≤10,000 cfu/g	<10,000 cfu/g	USP-NF<2021>, SOP L056
Rapid Yeast & Mold Count Plate	≤1,000 cfu/g	<1,000 cfu/g	USP-NF<2021>, SOP L056
<i>Escherichia coli</i>	Absence / 10g	Negative	USP-NF<2021>, SOP L056
Salmonella spp.	Absence / 10g	Negative	USP-NF<2021>, SOP L056

Prepared by 
 Wilmer Torres
 QUALITY SPECIALIST
09/19/2022
 DATE

Approved by 
 Rosa Lydia Solis
 QUALITY ASSURANCE MANAGER
09/19/2022
 DATE

CERTIFICATE OF ANALYSIS

Product Name: Performance enhancer
 Presentation: 60 Capsules per bottle
 Serving Size: 2 Capsules
 Servings Per Unit: 30 Capsules
 Units per Run: 1,500
 Lot Number: 12134

CoA Number: MBC004-2021
 Bulk Number: BK2771
 Manufacture Date: 11/2021
 Expiration Date: 11/2024
 Testing Completed: 11/11/2021
 P.O: 1005

Physical Analysis


Test	Specification	Results	Method
Appearance and Color	Clear Gelatin Capsule "0" filled with light brown powder with Speckles	Pass	Visual, SOP 024
Weight (mg)	500 mg ± 10%	500 mg	USP<2091>, SOP L047
Disintegration	< 30 min	4 min	USP<2040>, SOP L048

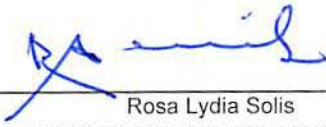
Chemical Analysis

Active Ingredients per Capsule	Composition (mg)	Specification (mg)	Assay Results	Method
Zinc (as Zinc oxide)	4	(7 - 10)	Pass	ICP-MS USP<730>,STP 015
L-Arginine	100.00	(90 - 110)	Pass	HPLC USP<621>, STP 035
Tongkat ali (Eurycoma longifolia)	70.00	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042
Muirapuama (Ptychopetalum olacoides)	67.00	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042
Siberian ginseng (Eleutherococcus senticosus)	50.00	(45 - 55)	Pass	HPLC USP<621>, STP 053
Maca (Lepidium meyenii)	25.00	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042
Nettle (Urtica dioica) leaf	25.00	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042
Tribulus (Tribulus terrestris)	25.00	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042
Saw palmetto (Serenoa repens) extract	5.00	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042
Yohimbe extract (Pausinystalia johimbe) (bark) Standardized to 2% Yohimbine	1.50	r ≥ 0.90 Correlation to Standard	Pass	FTIR USP <197>, SOP L042

Microbiological Analysis

Test	Specification	Results	Method
Rapid Aerobic Count	≤10,000 cfu/g	<10,000 cfu/g	USP-NF<2021>, SOP L056
Rapid Yeast & Mold Count	≤1,000 cfu/g	<1,000 cfu/g	USP-NF<2021>, SOP L056
<i>Escherichia coli</i>	Absence / 10g	Absence / 10g	USP-NF<2022>, SOP L056
Salmonella spp	Absence / 10g	Absence / 10g	USP-NF<2022>, SOP L056

Prepared by 
 Wilmer Torres
 QUALITY SPECIALIST
11/12/2021
 DATE

Approved by 
 Rosa Lydia Solis
 QUALITY ASSURANCE MANAGER
11/12/2021
 DATE