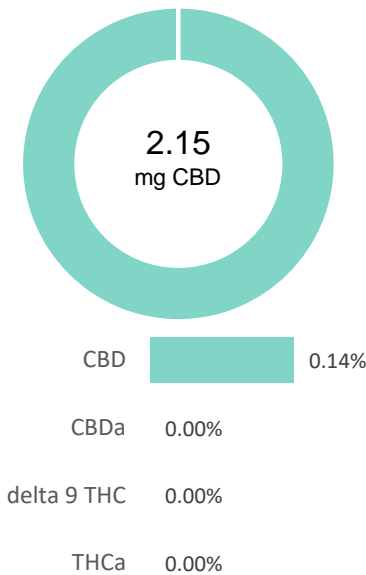


**Poppy Willow - Hip and Joint**

<b>Batch ID:</b>	210217HJ	<b>Test ID:</b>	T000125268
<b>Type:</b>	Unit	<b>Submitted:</b>	02/18/2021 @ 04:44 PM
<b>Test:</b>	Potency	<b>Started:</b>	2/19/2021
<b>Method:</b>	TM14	<b>Reported:</b>	2/24/2021

**CANNABINOID PROFILE**




Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.23	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.26	ND	ND
Cannabidiolic acid (CBDA)	0.25	ND	ND
Cannabidiol (CBD)	0.25	2.15	1.4
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.28	ND	ND
Cannabinolic Acid (CBNA)	0.16	ND	ND
Cannabinol (CBN)	0.07	ND	ND
Cannabigerolic acid (CBGA)	0.24	ND	ND
Cannabigerol (CBG)	0.06	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.20	ND	ND
Tetrahydrocannabivarin (THCV)	0.05	ND	ND
Cannabidivarinic Acid (CBDVA)	0.11	ND	ND
Cannabidivarin (CBDV)	0.06	ND	ND
Cannabichromenic Acid (CBCA)	0.09	ND	ND
Cannabichromene (CBC)	0.10	ND	ND
<b>Total Cannabinoids</b>		<b>2.15</b>	<b>1.4</b>
<b>Total Potential THC**</b>		<b>ND</b>	<b>ND</b>
<b>Total Potential CBD**</b>		<b>2.15</b>	<b>1.4</b>

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)  
 \* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.  
 \*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.  
 Total THC = THC + (THCa \*(0.877)) and  
 Total CBD = CBD + (CBDa \*(0.877))  
 ND = None Detected (Defined by Dynamic Range of the method)

**NOTES:**

# of Servings = 1, Sample Weight=1.56764g

**FINAL APPROVAL**

 Daniel Weidensaul 24-Feb-2021 11:09 AM	 Greg Zimpfer 24-Feb-2021 1:37 PM
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PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02



**West Coast Laboratories, Inc**  
Certificate Of Analysis

Formula Number:	9712	<b>POPPY WILLOW</b>	
Effective Date:	11/11/2018		
Created By:	Narges Jahanshahi	Customer:	Bloom Hemp
Approved By:	Ron Ovadia	Lot Number:	210217HJ
Date Of Manufacture:	2/19/2019	Expiration Date:	2/19/2022

**Tests and Examinations**

Physical	Specification	Results	Method	Checked By	Pass/ Fail
Description	5/8"; Standard Cup Plain; Compressed tablet; Brown color	5/8"; Standard Cup Plain; Compressed tablet; Brown color	Examine	NJ	Pass
Average Un-Coated Tablet Weight	1,520.00 mg - 1,680.00 mg	1,601.30 mg	USP <2091>	NJ	Pass
<b>Assay</b>	<b>Specification</b>	<b>Results</b>	<b>Method</b>	<b>Checked By</b>	<b>Pass/ Fail</b>
MSM	450.00 mg - 600.00 mg	500.00 mg	WCL-M-000	NJ	Pass
Glucosamine HCL	450.00 mg - 600.00 mg	500.00 mg	WCL-M-000	NJ	Pass
Chondroitin Sulfate (Chondroitin Sulfate - Sodium Salt)	90.00 mg - 120.00 mg	102.61 mg	WCL-M-071	NJ	Pass
Hemp Oil Extract	2.25 mg - 2.75 mg	2.50 mg	WCL-M-000	NJ	Pass
<b>Microbiological</b>	<b>Specification</b>	<b>Results</b>	<b>Method</b>	<b>Checked By</b>	<b>Pass/ Fail</b>
Total Plate Count	< 3,000 cfu/g	< 10 cfu/g	USP <2021, 2022>	NJ	Pass
Mold & Yeast	< 300 cfu/g	< 10 cfu/g	USP <2021, 2022>	NJ	Pass
E. coli	Negative/10 g	Negative/10 g	USP <2021, 2022>	NJ	Pass
Staphylococcus Aureus	Negative/10 g	Negative/10 g	USP <2021, 2022>	NJ	Pass
Salmonella	Negative/10 g	Negative/10 g	USP <2021, 2022>	NJ	Pass
<b>Heavy Metals</b>	<b>Specification</b>	<b>Results</b>	<b>Method</b>	<b>Checked By</b>	<b>Pass/ Fail</b>
Arsenic	< 1.00 ppm	N/A	ICP/MS	N/A	N/A
Lead	< 5.00 ppm	N/A	ICP/MS	N/A	N/A
Cadmium	< 1.00 ppm	N/A	ICP/MS	N/A	N/A
Mercury	< 0.30 ppm	N/A	ICP/MS	N/A	N/A

Batch Disposition Approved ✓ Rejected

Receiving Inventory Disposition	Checked By/Date	Approved By/Date	Rejected By/Date
	NA 2/19/19	MG 2/20/19	

References			
Revision	Date	Superseded	Description of Changes
00	11/11/2018	N/A	Original