

Prepared for:

2 - AXN Industries

6315 Monarch Park Place Unit A
Niwot, CO USA 80503

Replenish Shampoo

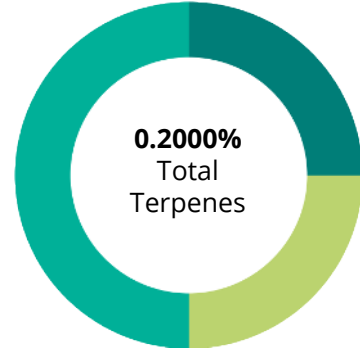
Batch ID or Lot Number: SHLG0125	Test, Test ID and Methods: Various	Matrix: Topical	Page 1 of 7
Reported: 09Jan2025	Started: 08Jan2025	Received: 08Jan2025	

Terpenes

Test ID: T000295704

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0100	0.100
(-)-Caryophyllene Oxide	0.0000	0.000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0000	0.0000
alpha-Pinene	0.0200	0.200
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0100	0.100
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0200	0.200
Camphene	0.0100	0.100
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.000
Geraniol	0.1300	1.300
Linalool	0.0000	0.000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.000
Terpinolene	0.0000	0.000
trans-Nerolidol	0.0000	0.0000
	0.2000	2.0000



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0100
alpha-Humulene	0.0000
alpha-Pinene	0.0200
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0100
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

Final Approval


Sam Smith
09Jan2025
04:54:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
09Jan2025
04:55:00 PM MST
APPROVED BY / DATE

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Batch ID or Lot Number: SHLG0125	Test, Test ID and Methods: Various	Matrix: Topical	Page 2 of 7
Reported: 09Jan2025	Started: 08Jan2025	Received: 08Jan2025	

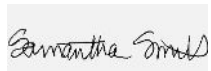
Residual Solvents - Colorado Compliance

Test ID: T000295708

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	89 - 1772	ND	
Butanes (Isobutane, n-Butane)	177 - 3542	ND	
Methanol	67 - 1338	ND	
Pentane	92 - 1847	ND	
Ethanol	106 - 2119	ND	
Acetone	109 - 2186	ND	
Isopropyl Alcohol	116 - 2318	ND	
Hexane	6 - 129	ND	
Ethyl Acetate	111 - 2211	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	103 - 2063	ND	
Toluene	20 - 408	ND	
Xylenes (m,p,o-Xylenes)	154 - 3086	ND	

Final Approval


Sam Smith
10Jan2025
03:07:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
10Jan2025
03:09:00 PM MST
APPROVED BY / DATE

Prepared for:

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Batch ID or Lot Number: SHLG0125	Test, Test ID and Methods: Various	Matrix: Topical	Page 3 of 7
Reported: 09Jan2025	Started: 08Jan2025	Received: 08Jan2025	

Microbial Contaminants - Colorado Compliance

Test ID: T000295706

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	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



Nora Langer
13Jan2025
03:23:00 PM MST



Brett Hudson
13Jan2025
03:42:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000295707

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.27	ND	
Cadmium	0.04 - 4.23	ND	
Mercury	0.04 - 4.24	ND	
Lead	0.04 - 3.98	ND	

Final Approval



Judith Marquez
13Jan2025
03:41:00 PM MST



Sam Smith
13Jan2025
03:43:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

CERTIFICATE OF ANALYSIS

Prepared for:

2 - AXN Industries6315 Monarch Park Place Unit A
Niwot, CO USA 80503**Replenish Shampoo**

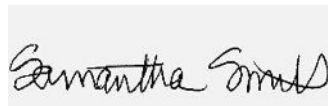
Batch ID or Lot Number: SHLG0125	Test: Potency	Reported: 04Feb2025	USDA License: N/A
Matrix: Unit	Test ID: T000297742	Started: 03Feb2025	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 29Jan2025	Status: Active

Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	16.747	56.973	ND	ND	# of Servings = 1 Sample Weight=320g
Cannabichromenic Acid (CBCA)	15.318	52.111	ND	ND	
Cannabidiol (CBD)	53.938	163.210	328.629	1.03	
Cannabidiolic Acid (CBDA)	55.321	167.397	ND	ND	
Cannabidivarin (CBDV)	12.757	38.601	ND	ND	
Cannabidivarinic Acid (CBDVA)	23.077	69.830	ND	ND	
Cannabigerol (CBG)	9.509	32.348	49.669	0.16	
Cannabigerolic Acid (CBGA)	39.750	135.226	ND	ND	
Cannabinol (CBN)	12.405	42.200	ND	ND	
Cannabinolic Acid (CBNA)	27.120	92.261	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	47.356	161.103	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	43.008	146.311	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	38.105	129.631	ND	ND	
Tetrahydrocannabivarin (THCV)	8.649	29.423	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	33.610	114.340	ND	ND	
Total Cannabinoids			378.298	1.19	
Total Potential THC			ND	ND	
Total Potential CBD			328.629	1.03	

Final Approval
Judith Marquez
04Feb2025
03:18:00 PM MST

PREPARED BY / DATE


Sam Smith
04Feb2025
03:19:00 PM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/5789e8d5-2594-470f-98a4-de5e14bb2ec8>**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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02



CDPHE Certified



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Reported: 09Jan2025	Started: 08Jan2025	Received: 08Jan2025	

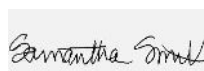
Pesticides

Test ID: T000295705

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	296 - 2697	ND		Malathion	287 - 2797	ND
Acephate	25 - 2678	ND		Metalaxyl	40 - 2805	ND
Acetamiprid	39 - 2650	ND		Methiocarb	46 - 2759	ND
Azoxystrobin	42 - 2766	ND		Methomyl	37 - 2716	ND
Bifenazate	37 - 2790	ND		MGK 264 1	156 - 1650	ND
Boscalid	47 - 2740	ND		MGK 264 2	119 - 1080	ND
Carbaryl	41 - 2753	ND		Myclobutanil	40 - 2784	ND
Carbofuran	42 - 2756	ND		Naled	42 - 2665	ND
Chlorantraniliprole	39 - 2722	ND		Oxamyl	38 - 2704	ND
Chlorpyrifos	44 - 2679	ND		Paclobutrazol	42 - 2754	ND
Clofentezine	280 - 2721	ND		Permethrin	300 - 2756	ND
Diazinon	281 - 2770	ND		Phosmet	39 - 2692	ND
Dichlorvos	321 - 2625	ND		Prophos	329 - 2768	ND
Dimethoate	41 - 2638	ND		Propoxur	40 - 2699	ND
E-Fenpyroximate	289 - 2718	ND		Pyridaben	304 - 2751	ND
Etofenprox	38 - 2739	ND		Spinosad A	31 - 2067	ND
Etoxazole	295 - 2626	ND		Spinosad D	65 - 646	ND
Fenoxycarb	44 - 2819	ND		Spiromesifen	283 - 2672	ND
Fipronil	35 - 2640	ND		Spirotetramat	289 - 2881	ND
Flonicamid	40 - 2672	ND		Spiroxamine 1	17 - 1048	ND
Fludioxonil	345 - 2803	ND		Spiroxamine 2	26 - 1628	ND
Hexythiazox	40 - 2739	ND		Tebuconazole	292 - 2811	ND
Imazalil	278 - 2816	ND		Thiacloprid	43 - 2702	ND
Imidacloprid	39 - 2764	ND		Thiamethoxam	42 - 2699	ND
Kresoxim-methyl	42 - 2824	ND		Trifloxystrobin	44 - 2707	ND

Final Approval


Sam Smith
18Jan2025
09:05:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
18Jan2025
09:07:00 AM MST
APPROVED BY / DATE

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2 - AXN Industries

6315 Monarch Park Place Unit A
Niwot, CO USA 80503

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Batch ID or Lot Number: SHLG0125	Test, Test ID and Methods: Various	Matrix: Topical	Page 6 of 7
Reported: 09Jan2025	Started: 08Jan2025	Received: 08Jan2025	

Mycotoxins - Colorado Compliance

Test ID: T000295710

Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.79 - 117.72	ND	N/A
Aflatoxin B1	0.91 - 29.75	ND	
Aflatoxin B2	0.97 - 29.96	ND	
Aflatoxin G1	1.00 - 29.78	ND	
Aflatoxin G2	0.97 - 29.69	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Sam Smith
18Jan2025
10:01:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
18Jan2025
10:02:00 AM MST
APPROVED BY / DATE

Cannabinoids

Test ID: T000295703

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.687	0.025	0.25	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.376	ND	0.00	N/A
Total Potential THC	-	0.025	0.25	

Final Approval


Sam Smith
24Jan2025
02:11:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
24Jan2025
02:14:00 PM MST
APPROVED BY / DATE

Prepared for:

2 - AXN Industries

6315 Monarch Park Place Unit A
Niwot, CO USA 80503

Replenish Shampoo

Batch ID or Lot Number:

SHLG0125

Test, Test ID and Methods:

Various

Matrix:

Topical

Page 7 of 7

Reported:

09Jan2025

Started:

08Jan2025

Received:

08Jan2025



<https://results.botanacor.com/api/v1/coas/uuid/83fa9907-db07-415e-9c50-d8536b74e496>

Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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 $\times$ (0.877)) and Total CBD = CBD + (CBDa $\times$ (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa $\times$ (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 100,000 CFU.

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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