SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
Sugar & Kush
53 Wanaque Ave Suite 2
Popton Lakes, NJ USA 07442

Sugar&Kush Gummies

Batch ID or Lot Number:	Test:	Reported:	USDA License:
B#050124	**Potency**	**22May2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000280717	21May2024	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	20May2024	N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.087	0.286	ND	ND	# of Servings = 1, Sample Weight=1.25g
Cannabichromenic Acid (CBCA)	0.080	0.262	ND	ND	
Cannabidiol (CBD)	0.277	0.788	26.620	21.30	
Cannabidiolic Acid (CBDA)	0.284	0.808	ND	ND	
Cannabidivarin (CBDV)	0.065	0.186	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.118	0.337	ND	ND	
Cannabigerol (CBG)	0.049	0.162	ND	ND	
Cannabigerolic Acid (CBGA)	0.207	0.679	ND	ND	
Cannabinol (CBN)	0.064	0.212	ND	ND	
Cannabinolic Acid (CBNA)	0.141	0.463	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.246	0.809	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.223	0.735	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.198	0.651	ND	ND	
Tetrahydrocannabivarin (THCV)	0.045	0.148	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.175	0.574	ND	ND	
Total Cannabinoids			**26.620**	**21.30**	
Total Potential THC			ND	ND	
Total Potential CBD			26.620	21.30	

Final Approval

Karen Winternheimer
22May2024
10:33:00 AM MDT

PREPARED BY / DATE

Sam Smith
22May2024
10:37:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/151fe624-be1b-465c-9032-badc35daa1a6

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)).

Cert #4329.02
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Batch ID or Lot Number:	Test:	Reported:	USDA License:
B#050124	**Pesticides**	**22May2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000280718	21May2024	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	20May2024	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	338 - 2698	ND
Acephate	41 - 2703	ND
Acetamiprid	42 - 2650	ND
Azoxystrobin	48 - 2686	ND
Bifenazate	43 - 2691	ND
Boscalid	37 - 2631	ND
Carbaryl	41 - 2702	ND
Carbofuran	42 - 2685	ND
Chlorantraniliprole	51 - 2624	ND
Chlorpyrifos	38 - 2642	ND
Clofentezine	282 - 2708	ND
Diazinon	292 - 2712	ND
Dichlorvos	275 - 2695	ND
Dimethoate	44 - 2640	ND
E-Fenpyroximate	275 - 2703	ND
Etofenprox	44 - 2701	ND
Etoxazole	300 - 2603	ND
Fenoxycarb	38 - 2719	ND
Fipronil	86 - 2689	ND
Flonicamid	52 - 2722	ND
Fludioxonil	297 - 2643	ND
Hexythiazox	43 - 2723	ND
Imazalil	283 - 2766	ND
Imidacloprid	43 - 2690	ND
Kresoxim-methyl	49 - 2716	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	289 - 2716	ND
Metalaxyl	46 - 2704	ND
Methiocarb	46 - 2653	ND
Methomyl	43 - 2732	ND
MGK 264 1	152 - 1620	ND
MGK 264 2	112 - 1088	ND
Myclobutanil	33 - 2636	ND
Naled	46 - 2663	ND
Oxamyl	42 - 2696	ND
Paclobutrazol	46 - 2699	ND
Permethrin	266 - 2697	ND
Phosmet	42 - 2564	ND
Prophos	297 - 2678	ND
Propoxur	45 - 2700	ND
Pyridaben	300 - 2738	ND
Spinosad A	34 - 2058	ND
Spinosad D	76 - 648	ND
Spiromesifen	285 - 2684	ND
Spirotetramat	300 - 2760	ND
Spiroxamine 1	18 - 985	ND
Spiroxamine 2	22 - 1565	ND
Tebuconazole	291 - 2709	ND
Thiacloprid	45 - 2679	ND
Thiamethoxam	43 - 2687	ND
Trifloxystrobin	44 - 2717	ND

Final Approval

Karen Winternheimer
22May2024
08:31:00 AM MDT
PREPARED BY / DATE

Sam Smith
22May2024
08:33:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/e77c9326-599e-446d-baeb-680e8e9be316

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

Cert #4329.02
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Popton Lakes, NJ USA 07442

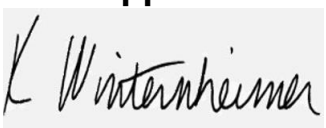
Sugar&Kush Gummies

Batch ID or Lot Number:	Test:	Reported:	USDA License:
B#050124	**Residual Solvents**	**23May2024**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000280720	22May2024	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	20May2024	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	69 - 1383	ND	
Butanes (Isobutane, n-Butane)	144 - 2889	ND	
Methanol	59 - 1186	ND	
Pentane	78 - 1552	ND	
Ethanol	90 - 1797	ND	
Acetone	93 - 1865	ND	
Isopropyl Alcohol	103 - 2054	ND	
Hexane	6 - 115	ND	
Ethyl Acetate	96 - 1923	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	88 - 1758	ND	
Toluene	18 - 353	ND	
Xylenes (m,p,o-Xylenes)	127 - 2534	ND	

Final Approval



Karen Winternheimer
23May2024
01:15:00 PM MDT
PREPARED BY / DATE

Sam Smith
23May2024
01:14:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3a1b389c-57ab-4a3c-9743-d3a8e4477dfc

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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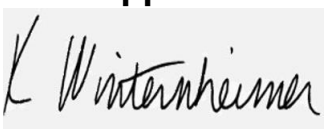
Sugar&Kush Gummies

Batch ID or Lot Number:	Test:	Reported:	USDA License:
B#050124	**Heavy Metals**	**23May2024**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000280719	22May2024	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	20May2024	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 5.00	ND	
Cadmium	0.05 - 4.75	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.05 - 4.70	ND	

Final Approval



Karen Winternheimer
23May2024
09:21:00 AM MDT

PREPARED BY / DATE

Sam Smith
23May2024
09:24:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8fab9d6c-d47c-4825-ac6a-c00883d21141

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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