

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

Sample Result: PASS

Date Reported:	3/28/2026	Sample ID:	20260320-BOUT-022
Client Name:	HM OPS LLC (SYNXBI LLC - BOUTIQ)	Sample Name:	BTQ Switch V5 Arctic Frost
Sampling Location:	Farmingdale, NY	Sample Matrix:	Concentrate
Contact Name:	Brandon Sager	Sample Sub Type:	Vape Cartridge
Contact Email:	bsager@goshango.com	Batch Lot ID:	BTQV5AF260313
License Number:	OCM-PROC-24-000119	Batch Size:	2008
Medical/Adult Use:	Adult Use	Serving Size (g):	0.67
Sampling Date:	03/20/2026 09:00:00 AM	METRC Source ID:	1A4120300000285000005816
METRC Test Tag ID:	1A4120300000285000005846		

Potency	T	Pesticides	P	Heavy Metals	P	Mycotoxins	P
Water Activity	-	Microbiological	P	Residual Solvents	P	Terpenes	P
		Moisture	-	Filth & Foreign Material	-		

"-" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

Cannabinoids: BTQ Switch V5 Arctic Frost (20260320-BOUT-022)			
Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.319
CBDA	< MRL	< MRL	0.319
CBGA	< MRL	< MRL	0.319
CBG	1.091	7.311	0.319
CBD	0.351	2.349	0.319
THCV	0.564	3.777	0.319
CBN	0.629	4.214	0.319
D9-THC	78.817	528.075	0.319
D8-THC	< MRL	< MRL	0.319
D10-THC-S	< MRL	< MRL	0.319
D10-THC-R	< MRL	< MRL	0.319
CBC	< MRL	< MRL	0.319
THCA	< MRL	< MRL	0.319

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x 10 x serving size weight (g)

Test ID: #218449 | Date Tested: 03/23/2026 08:22 PM

Potency Summary	% w/w	mg/serving
Total THC [Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)]	78.817	528.075
Total CBD [CBD + (CBDA * 0.877)]	0.351	2.349
Total Cannabinoids	81.452	545.727



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Terpenes: BTQ Switch V5 Arctic Frost (20260320-BOUT-022)			PASS
Terpenes analysis utilizing GC-MS (SOP-063-NY, SOP-069-NY)			
Analyte	Result (% w/w)	MRL (% w/w)	
alpha-Pinene	< MRL	0.12	
Camphene	< MRL	0.12	
Sabinene	< MRL	0.12	
beta-Pinene	< MRL	0.12	
beta-Myrcene	< MRL	0.12	
Alpha-phellandrene	< MRL	0.12	
Carene	< MRL	0.12	
alpha-terpinene	< MRL	0.12	
p-Cymene	< MRL	0.12	
Limonene	1.10	0.12	
Eucalyptol	< MRL	0.12	
Ocimene	< MRL	0.08	
gamma-Terpinene	< MRL	0.12	
Sabinene Hydrate	< MRL	0.12	
Terpinolene	< MRL	0.12	
Linalool	< MRL	0.12	
Fenchol	< MRL	0.12	
Menthol	< MRL	0.12	
Terpineol	< MRL	0.12	
Citronellol	< MRL	0.12	
Isopulegol	< MRL	0.12	
Geraniol	< MRL	0.12	
Alpha-cedrene	< MRL	0.09	
Beta-Caryophyllene	< MRL	0.12	
Farnesene	< MRL	0.12	
alpha-Humulene	< MRL	0.12	
Valencene	< MRL	0.12	
cis-Nerolidol	< MRL	0.05	
trans-Nerolidol	< MRL	0.07	
Caryophyllene oxide	< MRL	0.12	
Guaiol	< MRL	0.12	
alpha-Bisabolol	< MRL	0.12	
MRL = Minimum reporting limit/limit of quantification		Test ID: #218455 Date Tested: 03/27/2026 07:56 AM	

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	1.10	10	PASS



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Residual Solvents: BTQ Switch V5 | Arctic Frost (20260320-BOUT-022)

PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (SOP-067-NY, SOP-010-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5.00	3.500
2-Propanol	PASS	< MRL	5000	500.000
Acetone	PASS	< MRL	5000	2000.000
Acetonitrile	PASS	< MRL	410	40.000
Butanes, total	PASS	< MRL	5000	2500.000
Benzene	PASS	< MRL	2.00	0.650
Chloroform	PASS	< MRL	60.0	6.000
Dichloromethane	PASS	< MRL	600	60.000
Dimethyl Sulfoxide	PASS	< MRL	5000	1000.000
Ethanol	PASS	1011.3	5000	500.000
Ethyl acetate	PASS	< MRL	5000	500.000
Ethyl ether	PASS	< MRL	5000	500.000
n-Heptane	PASS	< MRL	5000	500.000
Hexanes, total	PASS	< MRL	290	30.000
Methanol	PASS	< MRL	3000	300.000
Pentanes, total	PASS	< MRL	5000	500.000
Propane	PASS	< MRL	5000	500.000
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	400.000
Toluene	PASS	< MRL	890	100.000
Trichloroethane	PASS	< MRL	1500	1000.000
Xylenes, total	PASS	< MRL	2170	250.000

MRL = Minimum reporting limit/limit of quantification

Test ID: #218454 | Date Tested: 03/27/2026 07:49 PM



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Pesticides: BTQ Switch V5 | Arctic Frost (20260320-BOUT-022)

PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Abamectin	PASS	< MRL	0.500	0.100
Acephate	PASS	< MRL	0.400	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.200	0.100
Aldicarb	PASS	< MRL	0.400	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.200	0.100
Bifenazate	PASS	< MRL	0.200	0.100
Bifenthrin	PASS	< MRL	0.200	0.100
Boscalid	PASS	< MRL	0.400	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.200	0.100
Carbofuran	PASS	< MRL	0.200	0.100
Chlorantranilprole	PASS	< MRL	0.200	0.100
Chlordane	PASS	< MRL	1.00	0.100
Chlorfenapyr	PASS	< MRL	1.00	0.100
Chlormequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.200	0.100
Clofentezine	PASS	< MRL	0.200	0.100
Coumaphos	PASS	< MRL	1.00	0.100
Cyfluthrin	PASS	< MRL	1.00	0.100
Cypermethrin	PASS	< MRL	1.00	0.100
Daminozide	PASS	< MRL	1.00	0.100
Diazinon	PASS	< MRL	0.200	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.200	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.200	0.100
Etofenprox	PASS	< MRL	0.400	0.100
Etoxazole	PASS	< MRL	0.200	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.200	0.100
Fenpyroximate	PASS	< MRL	0.400	0.100
Fipronil	PASS	< MRL	0.400	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.400	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.200	0.100
Imidacloprid	PASS	< MRL	0.400	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.400	0.100
Malathion	PASS	< MRL	0.200	0.100
Metalaxyl	PASS	< MRL	0.200	0.100
Methiocarb	PASS	< MRL	0.200	0.100
Methomyl	PASS	< MRL	0.400	0.100
Methyl Parathion	PASS	< MRL	0.200	0.100
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.200	0.100
Myclobutanil	PASS	< MRL	0.200	0.100
Naled	PASS	< MRL	0.500	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.400	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.100
Permethrins, total	PASS	< MRL	0.200	0.100
Phosmet	PASS	< MRL	0.200	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.200	0.100
Propiconazole	PASS	< MRL	0.400	0.100
Propoxur	PASS	< MRL	0.200	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.200	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.200	0.100
Spiromesifen	PASS	< MRL	0.200	0.100
Spirotetramat	PASS	< MRL	0.200	0.100
Spiroxamine	PASS	< MRL	0.200	0.100
Tebuconazole	PASS	< MRL	0.400	0.100
Thiacloprid	PASS	< MRL	0.200	0.100
Thiamethoxam	PASS	< MRL	0.200	0.100
Trifloxystrobin	PASS	< MRL	0.200	0.100

MRL = Minimum reporting limit/limit of quantification

Test ID: #218447 | Date Tested: 03/26/2026 10:33 AM



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Mycotoxins: BTQ Switch V5 Arctic Frost (20260320-BOUT-022)				PASS
Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Ochratoxin	PASS	< MRL	0.020	0.010
Total Aflatoxins	PASS	< MRL	0.020	0.010
MRL = Minimum reporting limit/limit of quantification			Test ID: #218448 Date Tested: 03/27/2026 08:40 AM	

Heavy Metals: BTQ Switch V5 Arctic Frost (20260320-BOUT-022)				PASS
Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (SOP-061-NY, SOP-072-NY)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Chromium	PASS	< MRL	110	8.00
Nickel	PASS	< MRL	2.00	1.00
Copper	PASS	< MRL	30.0	8.00
Arsenic	PASS	< MRL	0.200	0.10
Cadmium	PASS	< MRL	0.200	0.10
Antimony	PASS	< MRL	2.00	1.00
Mercury	PASS	< MRL	0.100	0.05
Lead	PASS	< MRL	0.500	0.20
MRL = Minimum reporting limit/limit of quantification			Test ID: #218446 Date Tested: 03/23/2026 09:59 AM	

Microbiology - Plating: BTQ Switch V5 Arctic Frost (20260320-BOUT-022)				PASS
Microbial analysis utilizing microbial enumeration (SOP-700-NY)				
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	< MRL	10000	100
Total Yeast & Mold	PASS	< MRL	1000	100
Microbiology - qPCR:				
Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-NY)				
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Salmonella spp	PASS	Absent	Absent	1
Shiga toxin-producing E. coli	PASS	Absent	Absent	1
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1
MRL = Minimum reporting limit/limit of quantification			Test IDs: #218457, #218456, #218459, #218458 Date Tested: 03/25/2026 06:57 PM, 03/27/2026 11:05 AM, 03/25/2026 07:24 PM, 03/25/2026 07:15 PM	



Matthew Elmes
Lab Director
3/28/2026



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Sample	Test ID	(mg/serving)		Relative percent difference	
		Total THC	Total CBD	Total THC	Total CBD
20260320-BOUT-022	218449	518.81	2.28	-1.76%	-3.06%
	218450	531.90	2.29	0.72%	-2.51%
	218451	522.45	2.35	-1.07%	0.09%
	218452	532.60	2.35	0.86%	0.09%
	218453	534.61	2.47	1.24%	5.19%
Average		528.08	2.35		

Acceptable relative percent difference +/-25%



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