



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

NAUTIQUE GROUP
7901 4TH ST N, STE 300
ST. PETERSBURG, FL 33702

Batch # 205012
Batch Date: 2022-06-13
Extracted From: N/A

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Facility: American Softgels
Production Date: 2022-06-13

Lab Note: Updated Net Weight 7.20.22

Order # AME220613-010001
Order Date: 2022-06-13
Sample # AAC473

Sampling Date: 2022-06-14
Lab Batch Date: 2022-06-14
Completion Date: 2022-06-21

Initial Gross Weight: 34.041 g

Number of Units: 1
Net Weight per Unit: 400.000 mg



Product Image



Potency
Tested



Heavy Metals
Passed



Mycotoxins
Passed



Pesticides
Passed



Residual Solvents
Passed



Pathogenic Microbiology
Passed



Listeria Monocytogenes
Passed



Delta 8/Delta 10 Potency 12

Specimen Weight: 107.460 mg

Pieces For Panel: 30

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta 8 THC	2.60E-5	0.001	63.320	6.320
CBC	1.80E-5	0.001	<LOQ	<LOQ
CBG	5.40E-5	0.001	<LOQ	<LOQ
THCA	3.20E-5	0.001	<LOQ	<LOQ
Delta-9 THC	1.10E-5	0.1	<LOQ	<LOQ
Delta-10 THC	3.00E-6	0.001	<LOQ	<LOQ
CBN	1.40E-5	0.001	<LOQ	<LOQ
CBGA	8.00E-5	0.001	<LOQ	<LOQ
CBG	2.48E-4	0.001	<LOQ	<LOQ
CBGV	6.50E-5	0.001	<LOQ	<LOQ
CBDA	1.00E-5	0.001	<LOQ	<LOQ
THCV	7.00E-6	0.001	<LOQ	<LOQ

Tested
SOP13.043 (LCUV)



Potency Summary

6.320%	Total Delta 8 25.280mg	-	Total Delta 10 None Detected
-	Total THC None Detected	-	Total CBD None Detected
-	Total CBG None Detected	-	Total CBN None Detected
-	Other Cannabinoids None Detected	6.320%	Total Cannabinoids 25.280mg



Listeria Monocytogenes

Specimen Weight: 1003.200 mg

Passed

SOP13.010
(qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

Xue Gao
Lab Toxicologist

PH.D., DABT

Anja Sun
Lab Director/Principal Scientist

Ph.D., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBDA * 0.877) + Total CBGV + (CBGVA * 0.87), Total THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta 8 THC + Delta 9 THC + Total CBN + CBT + Delta 8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBGV + Delta 10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOD = Limit of Quantitation, LOB = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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Compliance TestNAUTIQUE GROUP
7901 4TH ST N, STE 300
ST. PETERSBURG, FL 33702Batch # 205012
Batch Date: 2022-06-13
Extracted From: N/ASampling Method: MSP 7.3.1
Test Reg State: FloridaProduction Facility: American Softgels
Production Date: 2022-06-13Order # AME220613-010001
Order Date: 2022-06-13
Sample # AAC473Sampling Date: 2022-06-14
Lab Batch Date: 2022-06-14
Completion Date: 2022-06-21

Initial Gross Weight: 34.041 g

Number of Units: 1
Net Weight per Unit: 400.000 mg

Pesticides FL V4

Specimen Weight: 274.750 mg

Dilution Factor: 5.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acetophate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acetquinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	3000	<LOQ	Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azinphosmethyl	8.1000E-2	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metasul	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0240E+0	30	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ	Naled	9.5000E-2	30	500	<LOQ
Chlorfane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chloromequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrin	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethionphos	3.6000E-1	30	100	<LOQ	Spinosifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiromamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ					

Passed
SOP13.007
(LCMS/GCMS)Pathogenic Microbiology
SAE (MicroArray)Passed
SOP13.019
(Micro Array)

Specimen Weight: 1023.170 mg

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

Xueli Gao
Ph.D., DABT
Lab ToxicologistAixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist

Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.87); *Total CBDV = CBDV + (CBDVA * 0.87); Total THC = THCA-A * 0.877 + Delta 9 THC; Total THCV = THCV + (THCVA * 0.87); CBG Total = (CBGA * 0.877) + CBG; (BN Total = (CBNA * 0.877) + CBN; Total CBC = CBG + (CBCA * 0.877); Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate; Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section; Total Detected Cannabinoids = Delta 8a-THC + Delta 8-THC + Total CBN + CBT + Delta 8-THCV + Total CBG + Total CBD + Total THC + CBL + Total THC + Total CBC + Total CBDV + Delta 10-THC + Total THC-O-Acetate; Analyte Details above show the Dry Weight Concentrations unless specified as 1:1 moisture concentration; (mg/ml) = Milligrams per Milliliter; LOQ = Limit of Quantitation; LOD = Limit of Detection; Dilution = Dilution Factor (ppb) = Parts per Billion; (%) = Percent; (cfu/g) = Colony Forming Unit per Gram; (cfu/g) = Colony Forming Unit per Gram; LOD = Limit of Detection; (µg/g) = Microgram per Gram (ppm) = Parts per Million; (ppm) = (µg/g); (aw) = aw (area ratio) = Area Ratio; (mg/kg) = Milligram per Kilogram; *Measurement of Uncertainty = +/- 10%

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Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Facility: American Softgels
Production Date: 2022-06-13

Order # AME220613-010001
Order Date: 2022-06-13
Sample # AACY473

Sampling Date: 2022-06-14
Lab Batch Date: 2022-06-14
Completion Date: 2022-06-21

Initial Gross Weight: 34.041 g

Number of Units: 1
Net Weight per Unit: 400.000 mg



Residual Solvents - FL (CBD)

Specimen Weight: 234.500 mg

Passed

SOP13.039 (GCMS)

Dilution Factor: 5000.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	45.835
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					



Mycotoxins

Specimen Weight: 274.750 mg

Passed

SOP13.007 (LCMS)

Dilution Factor: 5.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1		6	20	<LOQ	Aflatoxin G2		6	20	<LOQ
Aflatoxin B2		6	20	<LOQ	Ochratoxin A		12	20	<LOQ
Aflatoxin G1		6	20	<LOQ					



Heavy Metals

Specimen Weight: 252.690 mg

Passed

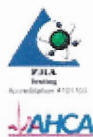
SOP13.048 (ICP-MS)

Dilution Factor: 197

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	64	100	500	<LOQ	Mercury (Hg)	58	100	3000	<LOQ

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



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