

MKX 1g Northern Lights Vape Cartridge

Sample ID: 2001PSI0310.01735
Strain: n/a
Matrix: Concentrates & Extracts
Type: Other

Batch ID:

Produced:
Date Received: 01/17/2020
Completed: 02/04/2020
Sample Size: 11 units; Batch: -

Comco LLC
Lic. # PR-000028
12584 Wooden RD
Hanover, MI 49246

Cannabinoids

80.63% <LOQ

Total THC

Total CBD

Testing Method: HPLC-DAD / SOP - PSIMTDA
Date Tested: 01/21/2020



Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.40	<LOQ	<LOQ
Δ9-THC	0.40	80.63	806.3
Δ8-THC	0.40	<LOQ	<LOQ
THCV	0.40	<LOQ	<LOQ
CBDa	0.40	<LOQ	<LOQ
CBD	0.40	<LOQ	<LOQ
CBN	0.40	0.62	6.2
CBGa	0.40	<LOQ	<LOQ
CBG	0.40	1.39	13.9
CBC	0.40	<LOQ	<LOQ
Total		82.64	826.4

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Safety

Residual Solvents	GC-MS / SOP - PSIMTDC	Pass
Pesticides	HPLC-MS/MS / SOP - PSIMTDG	Pass
Heavy Metals	ICP-MS / SOP - PSIMTDH	Pass
Foreign Matter	Visual Exam / SOP - PSIMTDF	Pass

Vitamine E - Pass, ND (100 PPM Limit)



L. Spivak

Lev Spivak-Birndorf
CSO



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Pesticides

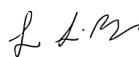
Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.5	0.5	ND	Pass	Hexythiazox	1	1	ND	Pass
Acephate	0.4	0.4	ND	Pass	Imazalil	0.2	0.2	ND	Pass
Acequinocyl	2	2	ND	Pass	Imidacloprid	0.4	0.4	ND	Pass
Acetamiprid	0.2	0.2	ND	Pass	Kresoxim Methyl	0.4	0.4	ND	Pass
Aldicarb	0.4	0.4	ND	Pass	Malathion	0.2	0.2	ND	Pass
Azoxystrobin	0.2	0.2	ND	Pass	Metalaxyl	0.2	0.2	ND	Pass
Bifenazate	0.2	0.2	ND	Pass	Methiocarb	0.2	0.2	ND	Pass
Bifenthrin	0.2	0.2	ND	Pass	Methomyl	0.4	0.4	ND	Pass
Boscalid	0.4	0.4	ND	Pass	Methyl Parathion	0.2	0.2	ND	Pass
Carbaryl	0.2	0.2	ND	Pass	MGK-264	0.2	0.2	ND	Pass
Carbofuran	0.2	0.2	ND	Pass	Myclobutanil	0.2	0.2	ND	Pass
Chlorantraniliprole	0.2	0.2	ND	Pass	Naled	0.5	0.5	ND	Pass
Chlorfenapyr	1	1	ND	Pass	Oxamyl	1	1	ND	Pass
Chlorpyrifos	0	0.2	0.10	Pass	Paclobutrazol	0.4	0.4	ND	Pass
Clofentezine	0.2	0.2	ND	Pass	Permethrins	0.2	0.2	ND	Pass
Cyfluthrin	1	1	ND	Pass	Phosmet	0.2	0.2	ND	Pass
Cypermethrin	1	1	ND	Pass	Prallethrin	0.2	0.2	ND	Pass
Daminozide	1	1	ND	Pass	Propiconazole	0.4	0.4	ND	Pass
Diazinon	0.2	0.2	ND	Pass	Propoxur	0.2	0.2	ND	Pass
Dichlorvos	0.1	0.1	ND	Pass	Pyrethrins	1	1	ND	Pass
Dimethoate	0.2	0.2	ND	Pass	Pyridaben	0.2	0.2	ND	Pass
Ethoprophos	0.2	0.2	ND	Pass	Spinosad	0.2	0.2	ND	Pass
Etofenprox	0.4	0.4	ND	Pass	Spiromesifen	0.2	0.2	ND	Pass
Etoxazole	0.2	0.2	ND	Pass	Spirotetramat	0.2	0.2	ND	Pass
Fenoxycarb	0.2	0.2	ND	Pass	Spiroxamine	0.4	0.4	ND	Pass
Fenpyroximate	0.4	0.4	ND	Pass	Tebuconazole	0.4	0.4	ND	Pass
Fipronil	0.4	0.4	ND	Pass	Thiacloprid	0.2	0.2	ND	Pass
Flonicamid	1	1	ND	Pass	Thiamethoxam	0.2	0.2	ND	Pass
Fludioxonil	0.4	0.4	ND	Pass	Trifloxystrobin	0.2	0.2	ND	Pass

Vitamine E - Pass, ND (100 PPM Limit)

Date Tested: 01/22/2020
Testing Method: HPLC-MS/MS / SOP - PSIMTDP




Lev Spivak-Birndorf
CSO



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Matrix: Concentrates & Extracts

Completed: 02/04/2020

12584 Wooden RD

Type: Other

Sample Size: 11 units; Batch: -

Hanover, MI 49246

Microbials

Not Tested

Analyte	Limit	Mass	Status
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Analyte	Limit	Result	Status
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Date Tested:

Testing Method: qPCR

Dilution: ; CFU/g = Colony Forming Units per gram. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Heavy Metals

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Arsenic	0.1	0.2	ND	Pass
Cadmium	0.1	0.2	ND	Pass
Chromium	0.1	0.6	<LOQ	Pass
Copper	0.1	3	<LOQ	Pass
Lead	0.1	0.5	<LOQ	Pass
Mercury	0.05	0.1	ND	Pass
Nickel	0.1	0.5	0.10	Pass

Date Tested: 01/31/2020

Testing Method: ICP-MS / SOP - PSIMTDH



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Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
TOTAL BUTANES		800	ND	Pass	1-Propanol	4.95		ND	Tested
<i>n</i> -Butane	4.95		ND	Tested	2-Butanone	4.95		ND	Tested
<i>Isobutane</i>	4.95		ND	Tested	Ethyl-Acetate	4.95	400	ND	Pass
TOTAL PENTANES		750	ND	Pass	2-Butanol	4.95		ND	Tested
<i>Isopentane</i>	4.95		ND	Tested	Tetrahydrofuran	4.95		ND	Tested
<i>n</i> -Pentane	4.95		ND	Tested	Chloroform	0.99	2	ND	Pass
TOTAL HEXANES		50	ND	Pass	Cyclohexane	4.95		ND	Tested
2,3-Dimethyl-Butane	4.95		ND	Tested	1,2-Dimethoxy-Ethane	4.95		ND	Tested
2-Methyl-Pentane	4.95		ND	Tested	Benzene	0.99	1	ND	Pass
3-Methyl-Pentane	4.95		ND	Tested	1,2-Dichloro-Ethane	0.99	2	ND	Pass
<i>n</i> -Hexane	4.95		ND	Tested	Heptanes	4.95	500	ND	Pass
TOTAL XYLENES		150	ND	Pass	1-Butanol	4.95		ND	Tested
<i>o</i> -Xylene	4.95		ND	Tested	Trichloroethene	4.95	25	ND	Pass
<i>p&m</i> -Xylene	4.95		ND	Tested	1,4-Dioxane	4.95		ND	Tested
Ethyl-Benzene	4.95		ND	Tested	2-Ethoxy-Ethanol	4.95		ND	Tested
Methanol	9.89	250	ND	Pass	Propane	9.89	2100	ND	Pass
Ethylene Oxide	0.99	5	ND	Pass	Pyridine	4.95		ND	Tested
Ethanol	4.95	1000	ND	Pass	Ethylene Glycol	19.78		ND	Tested
Ethyl-Ether	4.95	500	ND	Pass	Toluene	4.95	150	ND	Pass
Acetone	4.95	750	ND	Pass	1-Pentanol	4.95		ND	Tested
2,2-Dimethyl-Butane	4.95		ND	Tested	N,N-Dimethyl-Formamide	4.95		ND	Tested
Isopropanol	4.95	500	ND	Pass	Dimethyl Sulfoxide	4.95		ND	Tested
Acetonitrile	9.89	60	ND	Pass	N,N-Dimethyl-Acetamide	4.95		ND	Tested
Methylene-Chloride	4.95	125	ND	Pass	Cumene	4.95		ND	Tested
Total Solvents								0.00	

Date Tested: 01/20/2020
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Vitamin E Acetate

Analyte	LOQ	Mass
	PPM	PPM
Vitamin E Acetate	1000000.00	ND



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