



Anano Technologies

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Client Code: JL0000067

ANALYTICAL REPORT

AR-21-JL-017243-02
Report Supersedes AR-21-JL-017243-01

Received On: 19May2021
Reported On: 14Jun2021

Eurofins Sample Code: 990-2021-05190045	Sample Registration Date: 19May2021
Client Sample Code: B21000293	Condition Upon Receipt: acceptable, 22°C
Sample Description: 5CS-PC 2.5% 12.5mg CBD Softgels	Sample Reference:

Serving Size 2 softgels

FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19 and 993.14 (modified)	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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Parameter	Result	Result	Theoretical
Arsenic	18.7 ppb	0.020 µg/Serving	
Cadmium	<5.00 ppb	<0.005 µg/Serving	
Lead	<5.00 ppb	<0.005 µg/Serving	
Mercury	<5.00 ppb	<0.005 µg/Serving	

FS00D - Industrial Hemp Cannabinoid Profile	Reference AOAC 2018.11	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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Parameter	Result	Result	Theoretical
CBD	25.5 mg/g	26.7 mg/Serving	25 mg/Serving
CBDA	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004%	
CBN	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004 %	
Delta 9-THC	Not detected at detection limit of 0.0008% %	Not detected at detection limit of 0.0008 %	
THCA	Not detected at detection limit of 0.0017% %	Not detected at detection limit of 0.0017 %	
CBC	Not detected at detection limit of 0.0008% %	Not detected at detection limit of 0.0008 %	

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FS00D - Industrial Hemp Cannabinoid Profile	Reference AOAC 2018.11	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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Parameter	Result	Result	Theoretical
CBDVA	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004%	
CBG	Not detected at detection limit of 0.0008% %	Not detected at detection limit of 0.0008 %	
CBGA	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004 %	
CBDV	0.0067 %	0.00674 %	
Delta 8-THC	Not detected at detection limit of 0.0017% %	Not detected at detection limit of 0.0017 %	
THCV	Not detected at detection limit of 0.0008% %	Not detected at detection limit of 0.0008 %	
Total Cannabinoids	2.56 %	0.0268 g/Serving	
Total THC (THC + (THCA x 0.877))	Not detected at detection limit of 0.0017% %	Not detected at detection limit of 0.0017 %	
Total CBD (CBD + (CBDA x 0.877))	2.55 %	0.0267 g/Serving	
CBCA	Not detected at detection limit of 0.0017% %	Not detected at detection limit of 0.0017 %	
CBL	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004 %	
CBNA	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004 %	
THCVA	Not detected at detection limit of 0.0004% %	Not detected at detection limit of 0.0004 %	

FS02Y - Residual Solvents – Class 1, 2a, 2b	Reference USP <467>	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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FS02Y - Residual Solvents – Class 1, 2a, 2b	Reference USP <467>	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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Parameter	Result	Result	Theoretical
1,1,1-Trichloroethane	<10 ppm	<0.02 mg/Serving	
1,1-Dichloroethene	<8 ppm	<0.01 mg/Serving	
1,2-Dichloroethane	<5 ppm	<0.01 mg/Serving	
1,2-Dichloroethene	<1,870 ppm	<1.96 mg/Serving	
1,2-Dimethoxyethane	<100 ppm	<0.11 mg/Serving	
1,4-Dioxane	<380 ppm	<0.397556 mg/Serving	
Acetonitrile	<410 ppm	<0.43 mg/Serving	
Benzene	<2 ppm	<0.01 mg/Serving	
Carbon Tetrachloride	<4 ppm	<0.01 mg/Serving	
Chlorobenzene	<360 ppm	<0.38 mg/Serving	
Chloroform	<60 ppm	<0.07 mg/Serving	
Cumene	<70.0 ppm	<0.08 mg/Serving	
Cyclohexane	<3,880 ppm	<4.06 mg/Serving	
Methanol	<3,000 ppm	<3.14 mg/Serving	
Methylbutylketone	<50 ppm	<0.06 mg/Serving	
Methylcyclohexane	<1,180 ppm	<1.24 mg/Serving	
Methylene Chloride	<600 ppm	<0.63 mg/Serving	
n-Hexane	<290 ppm	<0.31 mg/Serving	
Nitromethane	<50 ppm	<0.06 mg/Serving	
Pyridine	<200 ppm	<0.21 mg/Serving	
Tetrahydrofuran	<720 ppm	<0.76 mg/Serving	
Tetralin	<96.0 ppm	<0.11 mg/Serving	
Toluene	<890 ppm	<0.94 mg/Serving	
Trichloroethylene	<80 ppm	<0.09 mg/Serving	
Xylenes(O,M,P + EB)	<2,170 ppm	<2.28 mg/Serving	

FS06I - Appearance	Reference USP <994>	Completed 02Jun2021	Sub 2
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Parameter	Result	Result	Theoretical
Appearance	Translucent oval softge filled w/yellow liquid	Translucent oval softge filled w/yellow liquid	

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Serving Size 2 softgels

FSPHC - Multi-Residue Analysis for hemp	Reference EN 15662	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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Parameter	Result	Result	Theoretical
Carbofuran-3-hydroxy-	<0.10 mg/kg	<0.01 mg/Serving	
Abamectin	non-analyzable mg/kg	non-analyzable	
Aldicarb	<0.10 mg/kg	<0.01 mg/Serving	
Aldicarb sulfone (Aldoxycarb)	<0.10 mg/kg	<0.01 mg/Serving	
Aldicarb sulfoxide	<0.10 mg/kg	<0.01 mg/Serving	
Azoxystrobin	<0.10 mg/kg	<0.01 mg/Serving	
Bifenazate	<0.10 mg/kg	<0.01 mg/Serving	
Bifenthrin	<0.10 mg/kg	<0.01 mg/Serving	
Carbaryl	<0.10 mg/kg	<0.01 mg/Serving	
Carbofuran	<0.10 mg/kg	<0.01 mg/Serving	
Chlorantraniliprole	<0.10 mg/kg	<0.01 mg/Serving	
Chlordane cis-	<0.10 mg/kg	<0.01 mg/Serving	
Chlordane trans-	<0.10 mg/kg	<0.01 mg/Serving	
Chlorfenapyr	<0.10 mg/kg	<0.01 mg/Serving	
Chlorpyrifos	<0.10 mg/kg	<0.01 mg/Serving	
Coumaphos	<0.10 mg/kg	<0.01 mg/Serving	
Cyfluthrin	<0.10 mg/kg	<0.01 mg/Serving	
Cypermethrin	<0.10 mg/kg	<0.01 mg/Serving	
Cyproconazole (2 diastereoisomers)	<0.10 mg/kg	<0.01 mg/Serving	
Cyprodinil	<0.10 mg/kg	<0.01 mg/Serving	
Dichlorvos	<0.10 mg/kg	<0.01 mg/Serving	
Diclobutrazol	<0.10 mg/kg	<0.01 mg/Serving	
Dipropetryn	<0.10 mg/kg	<0.01 mg/Serving	
Disulfoton	<0.10 mg/kg	<0.01 mg/Serving	
Endosulfan sulfate	<0.20 mg/kg	<0.01 mg/Serving	
Endosulfan I (alpha-isomer)	<0.20 mg/kg	<0.01 mg/Serving	
Endosulfan II (beta-isomer)	<0.20 mg/kg	<0.01 mg/Serving	
Epoxiconazole	<0.10 mg/kg	<0.01 mg/Serving	
Ethiofencarb	<0.10 mg/kg	<0.01 mg/Serving	
Etofenprox	<0.10 mg/kg	<0.01 mg/Serving	
Etoxazole	<0.10 mg/kg	<0.01 mg/Serving	
Fenoxycarb	<0.10 mg/kg	<0.01 mg/Serving	

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Serving Size 2 softgels

FSPHC - Multi-Residue Analysis for hemp	Reference EN 15662	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 27May2021	Sub 2
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Parameter	Result	Result	Theoretical
Fenpropathrin	<0.10 mg/kg	<0.01 mg/Serving	
Fenvalerate/Esfenvalerate (sum of isomer	<0.20 mg/kg	<0.01 mg/Serving	
Fipronil	<0.10 mg/kg	<0.01 mg/Serving	
Fipronil desulfinyl	<0.10 mg/kg	<0.01 mg/Serving	
Fipronil sulfone	<0.10 mg/kg	<0.01 mg/Serving	
Imazalil (any ratio of constituent isomers)	<0.10 mg/kg	<0.01 mg/Serving	
Imidacloprid	<0.10 mg/kg	<0.01 mg/Serving	
Malathion	<0.10 mg/kg	<0.01 mg/Serving	
Methiocarb	<0.10 mg/kg	<0.01 mg/Serving	
Methiocarb sulfone	<0.10 mg/kg	<0.01 mg/Serving	
Methiocarb sulfoxide	<0.10 mg/kg	<0.01 mg/Serving	
Methomyl	<0.10 mg/kg	<0.01 mg/Serving	
Metolachlor	<0.10 mg/kg	<0.01 mg/Serving	
Mevinphos (E- and Z-isomers)	<0.10 mg/kg	<0.01 mg/Serving	
Myclobutanil	<0.10 mg/kg	<0.01 mg/Serving	
Naled (Dibrom)	<0.10 mg/kg	<0.01 mg/Serving	
Paclobutrazol	<0.10 mg/kg	<0.01 mg/Serving	
Permethrin (sum of isomers)	<0.10 mg/kg	<0.000 mg/Serving	
Propoxur	<0.10 mg/kg	<0.01 mg/Serving	
Pyrethrum (total)	<1.0 mg/kg	<0.001 mg/Serving	
Spinetoram (spinosyns J and L)	<0.10 mg/kg		
Spinosad (spinosyns A and D)	<0.10 mg/kg		
Spirodiclofen	non-analyzable mg/kg	non-analyzable	
Spiromesifen	<0.10 mg/kg	<0.01 mg/Serving	
Spirotetramat	<0.10 mg/kg	<0.01 mg/Serving	
Spiroxamine (2 diastereoisomers)	<0.10 mg/kg	<0.01 mg/Serving	
Tebuconazole	<0.10 mg/kg	<0.01 mg/Serving	
Thiabendazole	<0.10 mg/kg	<0.01 mg/Serving	
Thiabendazole-5-hydroxy-	<0.10 mg/kg	<0.01 mg/Serving	
Thiacloprid	<0.10 mg/kg	<0.01 mg/Serving	
Trifloxystrobin	<0.10 mg/kg	<0.01 mg/Serving	

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Serving Size 2 softgels

FSPRP - Serving Size - Content (Fill) Weight	Reference	Completed	Sub
	Internal method	24May2021	2
Parameter	Result	Result	Theoretical
Entity Weight	0.7703 g		
Entity Fill Weight	0.5231 g		
Units per serving	2 softgel	2 softgel	

JLPT1 - Total Microbial Count Suitability USP Chapter 2021	Reference USP <2021>	Completed 03Jun2021
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Parameter	Result	Result	Theoretical
Total Aerobic Microbial Count	PASS		

JLPT8 - Total Combined Mould-Yeast Suitability USP Ch 2021	Reference USP <2021>	Completed 03Jun2021
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Parameter	Result	Result	Theoretical
Total Combined Yeast-Molds Count	PASS		

UMDBM - Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 23May2021	Sub 1
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Parameter	Result	Result	Theoretical
Coliforms	< 10 cfu/g		

ZMCKU - E. coli - USP <2022>	Reference USP <2022>	Completed 23May2021
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Parameter	Result	Result	Theoretical
Escherichia Coli	Not Detected per 10 g	Not Detected per 10 g	

ZMCKY - Salmonella spp. - USP <2022>	Reference USP <2022>	Completed 11Jun2021
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Parameter	Result	Result	Theoretical
Salmonella	Not Detected per 25 g	Not Detected per 25 g	

ZMCLR - Escherichia coli Suitability - USP Chapter <2022>	Reference U.S. Pharmacopeia Chapter 2022	Completed 23May2021
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Parameter	Result	Result	Theoretical
Escherichia coli Suitability	PASS per sample	PASS per sample	

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ZMCLY - Salmonella spp. Suitability - USP Chapter <2022>	Reference U.S. Pharmacopeia Chapter 2022	Completed 11Jun2021
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Parameter	Result	Result	Theoretical
Salmonella spp. Suitability	PASS per sample	PASS per sample	

ZMDFJ - Total Combined Yeasts/Moulds Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Completed 26May2021
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Parameter	Result	Result	Theoretical
Total Combined Yeasts/Moulds Count	< 100 cfu/g	< 100 cfu/g	

ZMDFK - Total Aerobic Microbial Count - USP Chapter <2021>	Reference U.S. Pharmacopeia Chapter 2021	Completed 24May2021
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Parameter	Result	Result	Theoretical
Total Aerobic Microbial Count	< 100 cfu/g	< 100 cfu/g	

Report Comment:

New Report Version: Added ZMCKY Salmonella testing

Subcontracting partners:

- 1 - Eurofins Microbiology Laboratories (New Berlin), Wisconsin
- 2 - Eurofins Food Chemistry Testing US Madison, WI

Respectfully Submitted,



Michael Kaiser
Associate Technical Leader

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