

## Certificate of Analysis

### EML Madison

2120 Rittenhouse St Suite B  
Des Moines Iowa 50321

<b>Sample Name:</b>	<b>990-2021-02160035</b>	<b>Eurofins Sample:</b>	<b>10310407</b>
<b>Project ID</b>	EML_MADISO-20210216-0534	<b>Receipt Date</b>	17-Feb-2021
<b>PO Number</b>	N/A	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>	2 Softgel	<b>Login Date</b>	16-Feb-2021
<b>Description</b>	nextCBD50NPC 25mg 5NP-PC 5 percent Softgels Anano Technologies	<b>Date Started</b>	17-Feb-2021
		<b>Sampled</b>	Sample results apply as received
		<b>Number Composited</b>	20
		<b>Online Order</b>	0.0

Analysis	Result	Result per Serving
<b>Appearance *</b>		
Appearance	Translucent, dark brown, oval softgel with little yellow liquid.	
<b>Industrial Hemp Cannabinoid Profile</b>		
CBDVA	<0.00250 %	<0.0243 mg/Serving Size
CBDV	0.0145 %	0.140 mg/Serving Size
CBDA	<0.00250 %	<0.0243 mg/Serving Size
CBGA	<0.00250 %	<0.0243 mg/Serving Size
CBG	<0.00250 %	<0.0243 mg/Serving Size
CBD	5.50 %	53.4 mg/Serving Size
THCV	<0.00250 %	<0.0243 mg/Serving Size
CBN	<0.00250 %	<0.0243 mg/Serving Size
Delta 9-THC	<0.00250 %	<0.0243 mg/Serving Size
Delta 8-THC	<0.00500 %	<0.0485 mg/Serving Size
THCA	<0.00250 %	<0.0243 mg/Serving Size
CBC	<0.00250 %	<0.0243 mg/Serving Size
THCVA	<0.00250 %	<0.0243 mg/Serving Size
CBNA	<0.00250 %	<0.0243 mg/Serving Size
CBCA	<0.00250 %	<0.0243 mg/Serving Size
CBL	<0.00250 %	<0.0243 mg/Serving Size
Total Cannabinoids	5.51 %	53.5 mg/Serving Size
Total THC (THC + (THCA x 0.877))	<0.00250 %	<0.0243 mg/Serving Size
Total CBD (CBD + (CBDA x 0.877))	5.50 %	53.4 mg/Serving Size
<b>Calculated Sample Weight *</b>		
Entity Weight	0.7433 g	
Entity Fill Weight	0.4854 g	
<b>Elements by ICP Mass Spectrometry</b>		
Arsenic	<10.0 ppb	

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Analysis	Result	Result per Serving
<b>Elements by ICP Mass Spectrometry</b>		
Cadmium	<5.00 ppb	
Lead	<5.00 ppb	
Mercury	<5.00 ppb	
<b>Residual Ethanol and Methanol *</b>		
Methanol	<10.0 ppm	
Ethanol	14300 ppm	
Isopropanol	<10.0 ppm	

Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - 60+ compounds</b>			
Thiabendazole		<0.10 mg/kg	
Imazalil		<0.10 mg/kg	
Abamectin		<0.30 mg/kg	
Aldicarb		<0.10 mg/kg	
Carbaryl		<0.10 mg/kg	
Carbofuran		<0.10 mg/kg	
Cyfluthrin		<0.10 mg/kg	
Cypermethrin		<0.10 mg/kg	
Cyproconazole (2 diastereoisomers)		<0.10 mg/kg	
Dichlorvos		<0.10 mg/kg	
Diclobutrazol		<0.10 mg/kg	
Disulfoton		<0.10 mg/kg	
Ethiofencarb		<0.10 mg/kg	
Fenpropathrin		<0.10 mg/kg	
Methomyl		<0.10 mg/kg	
Metolachlor		<0.10 mg/kg	
Mevinphos (E- and Z-isomers)		<0.10 mg/kg	
Myclobutanil		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - 60+ compounds</b>			
Paclobutrazol		<0.10 mg/kg	
Propoxur		<0.10 mg/kg	
Pyrethrum (total)		<1.0 mg/kg	
Endosulfan sulfate		<0.20 mg/kg	
Naled (Dibrom)		<0.10 mg/kg	
Fenoxycarb		<0.10 mg/kg	
Carbofuran-3-hydroxy-		<0.10 mg/kg	
Aldicarb sulfone (Aldoxycarb)		<0.10 mg/kg	
Aldicarb sulfoxide		<0.10 mg/kg	
Methiocarb sulfone		<0.10 mg/kg	
Imidacloprid		<0.10 mg/kg	
Cyprodinil		<0.10 mg/kg	
Epoxiconazole		<0.10 mg/kg	
Chlorfenapyr		<0.10 mg/kg	
Trifloxystrobin		<0.10 mg/kg	
Spiroxamine (2 diastereoisomers)		<0.10 mg/kg	
Thiacloprid		<0.10 mg/kg	
Etofenprox		<0.10 mg/kg	
Coumaphos		<0.10 mg/kg	
Tebuconazole		<0.10 mg/kg	
Endosulfan I (alpha-isomer)		<0.20 mg/kg	
Endosulfan II (beta-isomer)		<0.20 mg/kg	
Chlordane, cis-		<0.10 mg/kg	
Chlordane, trans-		<0.10 mg/kg	
Etoxazole		<0.10 mg/kg	
Azoxystrobin		<0.10 mg/kg	
Bifenthrin		<0.10 mg/kg	
Dipropetryn		<0.10 mg/kg	

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Analysis	Limit	Result	Pass/Fail
<b>Multi-Residue Analysis for hemp products - 60+ compounds</b>			
Fenvalerate/Esfenvalerate (sum of isomers)		<0.20 mg/kg	
Methiocarb		<0.10 mg/kg	
Spirodiclofen		<0.10 mg/kg	
Malathion		<0.10 mg/kg	
Permethrin (sum of isomers)		<0.10 mg/kg	
Spinosad (spinosyns A and D)		<0.10 mg/kg	
Spinetoram (spinosyns J and L)		<0.10 mg/kg	
Chlorpyrifos		<0.10 mg/kg	
Thiabendazole-5-hydroxy-		<0.10 mg/kg	
Methiocarb sulfoxide		<0.10 mg/kg	
Spirotetramat		<0.10 mg/kg	
Chlorantraniliprole		<0.10 mg/kg	
Fipronil desulfinyl		<0.10 mg/kg	
Fipronil sulfone		<0.10 mg/kg	
Fipronil		<0.10 mg/kg	
Spiromesifen		<0.10 mg/kg	
Bifenazate		<0.10 mg/kg	

Analysis	LOQ	Limit	Result	Pass/Fail
<b>Residual Solvents - Class 1, 2a and 2b</b>				
1,1,1-Trichloroethane	10 ppm	10 ppm	<10 ppm	Pass
1,1-Dichloroethene	8 ppm	8 ppm	<8 ppm	Pass
1,2-Dichloroethane	5 ppm	5 ppm	<5 ppm	Pass
Benzene	2 ppm	2 ppm	<2 ppm	Pass
Carbon Tetrachloride	4 ppm	4 ppm	<4 ppm	Pass
1,2-Dimethoxyethane	100 ppm	100 ppm	<100 ppm	Pass
1,4-Dioxane	380 ppm	380 ppm	<380 ppm	Pass
Acetonitrile	410 ppm	410 ppm	<410 ppm	Pass

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Analysis	LOQ	Limit	Result	Pass/Fail
<b>Residual Solvents - Class 1, 2a and 2b</b>				
Chlorobenzene	360 ppm	360 ppm	<360 ppm	Pass
Chloroform	60 ppm	60 ppm	<60 ppm	Pass
1,2-Dichloroethene	1870 ppm	1870 ppm	<1870 ppm	Pass
Cumene	70 ppm	70 ppm	<70.0 ppm	Pass
Cyclohexane	3880 ppm	3880 ppm	<3880 ppm	Pass
Methanol	3000 ppm	3000 ppm	<3000 ppm	Pass
Methylbutylketone	50 ppm	50 ppm	<50 ppm	Pass
Methylcyclohexane	1180 ppm	1180 ppm	<1180 ppm	Pass
Methylene Chloride	600 ppm	600 ppm	<600 ppm	Pass
n-Hexane	290 ppm	290 ppm	<290 ppm	Pass
Nitromethane	50 ppm	50 ppm	<50 ppm	Pass
Pyridine	200 ppm	200 ppm	<200 ppm	Pass
Tetrahydrofuran	720 ppm	720 ppm	<720 ppm	Pass
Tetralin	96 ppm	96 ppm	<96.0 ppm	Pass
Toluene	890 ppm	890 ppm	<890 ppm	Pass
Trichloroethylene	80 ppm	80 ppm	<80 ppm	Pass
Xylenes(O,M,P + EB)	2170 ppm	2170 ppm	<2170 ppm	Pass

#### Method References

#### Testing Location

#### Appearance (APPE)

#### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

The United States Pharmacopeia, Thirty Fourth Revision, 994, USP Convention, Inc.,  
Rockville, MD (2011)(Modified).

#### Calculated Sample Weight (PREP)

#### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

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#### Method References

#### Testing Location

##### Elements by ICP Mass Spectrometry (ICP\_MS\_S)

##### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).  
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

##### Industrial Hemp Cannabinoid Profile (IHCBD\_S)

##### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

##### Multi-Residue Analysis for hemp products - 60+ compounds (PEST\_HEMP)

##### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

*Official Methods of Analysis, AOAC Official Method 2007.01*, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

*CEN Standard Method EN 15662*: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

##### Residual Ethanol and Methanol (ETME\_S)

##### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Ethanol/Methanol by Headspace with GC-FID.

##### Residual Solvents - Class 1, 2a and 2b (USPR\_S)

##### Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015). (Modified).

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**Testing Location(s)****Released on Behalf of Eurofins by****Food Integrity Innovation-Madison**

Eurofins Food Chemistry Testing Madison, Inc.  
3301 Kinsman Blvd  
Madison WI 53704  
800-675-8375

Edward Ladwig - President Eurofins Food  
Chemistry Testing Madison



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