



Eurofins Microbiology Lab Madison  
 6304 Ronald Reagan Avenue  
 Madison, Wisconsin 53704  
 +1 608-949-3880  
 Micro-MAD@eurofinsus.com

Anano Technologies

**Client Code:** JL0000067  
**PO#:** 11/01/2023

Heidi Raben  
 6080 Greenwood Plaza Blvd Unit B  
 Greenwood Village, CO 80111

## ANALYTICAL REPORT

AR-23-JL-058849-01

**Received On:** 02Nov2023  
**Reported On:** 20Nov2023

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b>	02Nov2023
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b>	acceptable, 21.1°C
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b>	Blueberry Gummies

**Serving Size** 1 gummy

<b>FS001 - Heavy Metals (As, Cd, Hg, and Pb)</b>	<b>Reference</b> AOAC 2011.19, 993.14 and 2015.01 (modified)	<b>Accreditation</b>	<b>Completed</b> 20Nov2023	<b>Sub</b> 2
--	--	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Arsenic	<10.0 ppb	<0.037 µg/Serving	
Cadmium	<5.00 ppb	<0.018 µg/Serving	
Lead	12.4 ppb	0.046 µg/Serving	
Mercury	<5.00 ppb	<0.018 µg/Serving	

<b>FS00D - Industrial Hemp Cannabinoid Profile</b>	<b>Reference</b> AOAC 2018.11 (modified)	<b>Accreditation</b>	<b>Completed</b> 20Nov2023	<b>Sub</b> 2
--	---	----------------------	-------------------------------	-----------------

Parameter	Result	Result	Theoretical
Total THC (THC + (THCA x 0.877))	Not Detected		
Cannabichromene (CBC)	None detected at the detection limit of 0.0008 %		
Cannabichromenic Acid (CBCA)	None detected at the detection limit of 0.0017 %		
Cannabicyclol (CBL)	None detected at the detection limit of 0.0004 %		
Cannabidiol (CBD)	5.79 mg/g	21 mg/Serving	20 mg/Gummy
Cannabidiolic Acid (CBDA)	None detected at the detection limit of 0.0004 %		
Cannabidivarin (CBDV)	None detected at the detection limit of 0.0008 %		

# ANALYTICAL REPORT

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b>	02Nov2023
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b>	acceptable, 21.1°C
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b>	Blueberry Gummies
<b>Serving Size</b>	1 gummy		

FS00D - Industrial Hemp Cannabinoid Profile	Reference	Accreditation	Completed	Sub
	AOAC 2018.11 (modified)		20Nov2023	2
Parameter	Result	Result	Theoretical	
Cannabidivarinic Acid (CBDVA)	None detected at the detection limit of 0.0004 %			
Cannabigerol (CBG)	None detected at the detection limit of 0.0008 %			
Cannabigerolic Acid (CBGA)	None detected at the detection limit of 0.0004 %			
Cannabinol (CBN)	None detected at the detection limit of 0.0004 %			
Cannabinolic Acid (CBNA)	None detected at the detection limit of 0.0004 %			
Delta 8-THC	None detected at the limit of 0.008 %			
Delta 9-THC	None detected at the detection limit of 0.0008 %			
Tetrahydrocannabinolic acid (THCA)	None detected at the detection limit of 0.0017 %			
Tetrahydrocannabivarin (THCV)	None detected at the detection limit of 0.0008 %			
Tetrahydrocannabivarinic Acid (THCVA)	None detected at the detection limit of 0.0004 %			
Total Cannabinoids	0.579 %			
Total CBD (CBD + (CBDA x 0.877))	0.579 %			

FS02Y - Residual Solvents – Class 1, 2a, 2b	Reference	Accreditation	Completed	Sub
	USP <467>		17Nov2023	2
Parameter	Result	Result	Theoretical	
1,1,1-Trichloroethane	<10 ppm			
1,1-Dichloroethene	<8 ppm			
1,2-Dichloroethane	<5 ppm			
1,2-Dichloroethene	<1,870 ppm			

Heidi Raben  
6080 Greenwood Plaza Blvd Unit B  
Greenwood Village, CO 80111

# ANALYTICAL REPORT

AR-23-JL-058849-01

Received On: 02Nov2023

Reported On: 20Nov2023

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b>	02Nov2023
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b>	acceptable, 21.1°C
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b>	Blueberry Gummies

**Serving Size** 1 gummy

FS02Y - Residual Solvents – Class 1, 2a, 2b	Reference USP <467>	Accreditation	Completed 17Nov2023	Sub 2
---	------------------------	---------------	------------------------	----------

Parameter	Result	Result	Theoretical
1,2-Dimethoxyethane	<100 ppm		
1,4-Dioxane	<380 ppm		
Acetonitrile	<410 ppm		
Benzene	<2 ppm		
Carbon Tetrachloride	<4 ppm		
Chlorobenzene	<360 ppm		
Chloroform	<60 ppm		
Cumene	<70.0 ppm		
Cyclohexane	<3,880 ppm		
Methanol	<3,000 ppm		
Methylbutylketone	<50 ppm		
Methylcyclohexane	<1,180 ppm		
Methylene Chloride	<600 ppm		
n-Hexane	<290 ppm		
Nitromethane	<50 ppm		
Pyridine	<200 ppm		
Tetrahydrofuran	<720 ppm		
Tetralin	<96.0 ppm		
Toluene	<890 ppm		
Trichloroethylene	<80 ppm		
Xylenes(O,M,P + EB)	<2,170 ppm		

FS06I - Appearance	Reference USP <994>	Accreditation	Completed 20Nov2023	Sub 2
--------------------	------------------------	---------------	------------------------	----------

Parameter	Result	Result	Theoretical
Appearance	Greenish blue sugar-coated, square gummies	Greenish blue sugar-coated, square gummies	blue gummy square

FSPHC - Multi-Residue Analysis for hemp	Reference AOAC 2007.01 (mod.), EN 15662	Accreditation	Completed 20Nov2023	Sub 2
---	--	---------------	------------------------	----------

Parameter	Result	Result	Theoretical
Carbofuran-3-hydroxy-	<0.10 mg/kg	<0.01 mg/Serving	
Abamectin	<0.30 mg/kg	<0.01 mg/Serving	

Heidi Raben  
6080 Greenwood Plaza Blvd Unit B  
Greenwood Village, CO 80111

# ANALYTICAL REPORT

AR-23-JL-058849-01

Received On: 02Nov2023

Reported On: 20Nov2023

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b>	02Nov2023
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b>	acceptable, 21.1°C
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b>	Blueberry Gummies

**Serving Size** 1 gummy

<b>FSPHC - Multi-Residue Analysis for hemp Reference</b>	AOAC 2007.01 (mod.), EN 15662	<b>Accreditation</b>	<b>Completed</b>	<b>Sub</b>
			20Nov2023	2

Parameter	Result	Result	Theoretical
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	
Etoazole	<0.10 mg/kg	<0.01 mg/Serving	
Fenoxycarb	<0.10 mg/kg	<0.01 mg/Serving	
Fenpropathrin	<0.10 mg/kg	<0.01 mg/Serving	
Fenvalerate/Esfenvalerate (sum of isomer)	<0.20 mg/kg	<0.01 mg/Serving	

Heidi Raben  
6080 Greenwood Plaza Blvd Unit B  
Greenwood Village, CO 80111

# ANALYTICAL REPORT

AR-23-JL-058849-01

Received On: 02Nov2023

Reported On: 20Nov2023

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b>	02Nov2023
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b>	acceptable, 21.1°C
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b>	Blueberry Gummies

**Serving Size** 1 gummy

<b>FSPHC - Multi-Residue Analysis for hemp Reference</b>	AOAC 2007.01 (mod.), EN 15662	<b>Accreditation</b>	<b>Completed</b>	<b>Sub</b>
			20Nov2023	2

Parameter	Result	Result	Theoretical
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	<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	
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	<0.004 mg/Serving	
Spinetoram (spinosyns J and L)	<0.10 mg/kg		
Spinosad (spinosyns A and D)	<0.10 mg/kg		
Spirodiclofen	non-analyzable	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	

<b>FSPR2 - Serving Size - Unit (Entity)</b>	<b>Reference</b>	<b>Accreditation</b>	<b>Completed</b>	<b>Sub</b>
<b>Weight</b>	Internal method		20Nov2023	2

Parameter	Result	Result	Theoretical
Entity Weight	3.68 g	3.68 g	3.68 g

Heidi Raben  
6080 Greenwood Plaza Blvd Unit B  
Greenwood Village, CO 80111

# ANALYTICAL REPORT

AR-23-JL-058849-01

PO#: 11/01/2023

Received On: 02Nov2023

Reported On: 20Nov2023

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b> 02Nov2023	
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b> acceptable, 21.1°C	
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b> Blueberry Gummies	
<b>Serving Size</b>	1 gummy		
<b>FSPR2 - Serving Size - Unit (Entity) Weight</b>	<b>Reference</b> Internal method	<b>Accreditation</b>	<b>Completed</b> 20Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
Units per Serving	1 Gummy		1 Gummy
<b>JLPT1 - Total Microbial Count Suitability USP Chapter 2021</b>	<b>Reference</b> USP <2021>		<b>Completed</b> 08Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
Total Aerobic Microbial Count	PASS		
<b>JLPT8 - Total Combined Mould-Yeast Suitability USP Ch 2021</b>	<b>Reference</b> USP <2021>		<b>Completed</b> 12Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
Total Combined Yeast-Molds Count	PASS		
<b>UMDBM - Coliforms - AOAC 991.14</b>	<b>Reference</b> AOAC 991.14	<b>Accreditation</b>	<b>Completed</b> 05Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
Total Coliforms	< 10 cfu/g		
<b>ZMCKU - E. coli - USP &lt;2022&gt;</b>	<b>Reference</b> USP <2022>	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 05Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
E. coli	Not Detected per 10 g	Not Detected per 10 g	
<b>ZMCLR - Escherichia coli Suitability - USP Chapter &lt;2022&gt;</b>	<b>Reference</b> U.S. Pharmacopeia Chapter 2022	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 05Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
Escherichia coli Suitability	PASS per sample	PASS per sample	
<b>ZMCLY - Salmonella spp. Suitability - USP Chapter &lt;2022&gt;</b>	<b>Reference</b> U.S. Pharmacopeia Chapter 2022	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 05Nov2023
<b>Parameter</b>	<b>Result</b>	<b>Result</b>	<b>Theoretical</b>
Salmonella spp. Suitability	PASS per sample	PASS per sample	
<b>ZMDFJ - Total Combined Yeasts/Moulds Count - USP Chapter &lt;2021&gt;</b>	<b>Reference</b> U.S. Pharmacopeia Chapter 2021	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 11Nov2023

Heidi Raben  
6080 Greenwood Plaza Blvd Unit B  
Greenwood Village, CO 80111

# ANALYTICAL REPORT

AR-23-JL-058849-01

Received On: 02Nov2023

Reported On: 20Nov2023

<b>Eurofins Sample Code:</b>	990-2023-11020140	<b>Sample Registration Date:</b>	02Nov2023
<b>Client Sample Code:</b>	PG102023-31	<b>Condition Upon Receipt:</b>	acceptable, 21.1°C
<b>Sample Description:</b>	Blueberry Gummy Squares 20 mg BBD	<b>Sample Reference:</b>	Blueberry Gummies

**Serving Size** 1 gummy

<b>ZMDFJ - Total Combined Yeasts/Moulds Count - USP Chapter &lt;2021&gt;</b>	<b>Reference</b> U.S. Pharmacopeia Chapter 2021	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 11Nov2023
--	--	--	-------------------------------

Parameter	Result	Result	Theoretical
Total Combined Yeasts/Moulds Count	< 100 cfu/g	< 100 cfu/g	

<b>ZMDFK - Total Aerobic Microbial Count - USP Chapter &lt;2021&gt;</b>	<b>Reference</b> U.S. Pharmacopeia Chapter 2021	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 08Nov2023
---	--	--	-------------------------------

Parameter	Result	Result	Theoretical
Total Aerobic Microbial Count	< 100 cfu/g	< 100 cfu/g	

<b>ZMEV3 - Salmonella - USP Chapter &lt;2022&gt;</b>	<b>Reference</b> U.S. Pharmacopeia Chapter 2022	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.05	<b>Completed</b> 05Nov2023
--	--	--	-------------------------------

Parameter	Result	Result	Theoretical
Salmonella spp.	Not Detected per 25 g	Not Detected per 25 g	

Subcontracting partners:

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

Respectfully Submitted,



*Shannon E. Kelly*

Shannon Kelly  
Snr Client Services Associate

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: [www.eurofinsus.com/terms\\_and\\_conditions.pdf](http://www.eurofinsus.com/terms_and_conditions.pdf) | √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.