

# UNITED SCIENCE

811 Pine Street, St. Croix Falls, WI 54024

## CERTIFICATE OF ANALYSIS

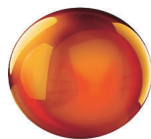
<b>CUSTOMER:</b>	VendKor	<b>BATCH NUMBER:</b>	1
<b>PRODUCT NAME:</b>	50mg ▲8 Cannabinoid, Blueberry Gummy	<b>CERTIFICATION DATE:</b>	05May21
<b>WORK ORDER NUMBER:</b>	NM000773, NM000776	<b>MANUFACTURE DATE:</b>	29Apr21
<b>LOT NUMBER:</b>	000799, 000802	<b>EXPIRATION DATE:</b>	29Apr2
<b>DESCRIPTION:</b>	4g ▲8 THC Gummy with Blueberry Flavoring		
<b>STORAGE CONDITIONS:</b>	KEEP AWAY FROM EXPOSURE TO LIGHT.		
<b>STATE/COUNTRY OF ORIGIN (HEMP):</b>	Wisconsin, USA		

POTENCY BY HPLC*		
CANNABINOID NAME	% POTENCY	LOQ (%)
CBD	ND	0.001
▲9-THC	0.10	0.001
▲8-THC	1.23	0.001
CBN	ND	0.001
<b>TOTAL CBD</b>	<b>0.00</b>	
<b>TOTAL ▲8-THC</b>	<b>1.23</b>	
<b>TOTAL CANNABINOIDS</b>	<b>1.10</b>	

TEST DESCRIPTION	SPECIFICATION	RESULTS	STATUS
HEMP EXTRACT PER UNIT	>50 mg	MEET LABEL CLAIM	PASS
APPEARANCE	Blue	AS SPECIFIED	PASS
ORGANOLEPTIC	Smell Matches Flavor	AS SPECIFIED	PASS

**APPROVED**  
 Quality Manager, *Doug Fryer*

**DATE: 27May21**



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MYCOTOXINS BY LCMS/MS				
ANALYTE	RESULT (PPB)	ACTION LEVEL (PPB)	LOQ (PPB)	STATUS
AFLATOXIN B1	ND		6.0	PASS
AFLATOXIN B2	ND		6.0	PASS
AFLATOXIN G1	ND		6.0	PASS
AFLATOXIN G2	ND		6.0	PASS
AFLATOXIN TOTAL	ND	20.0	6.0	PASS
OCHRATOXIN A	ND	20.0	12.0	PASS

MICROBIOLOGY BY PETRIFILM*			
ANALYTE	SPECIFICATION	RESULTS	STATUS
TOTAL AEROBIC COUNT	<10 <sup>5</sup> CFU/g	<10 <sup>5</sup> CFU/g	PASS
TOTAL YEAST AND MOLD	<10 <sup>3</sup> CFU/g	<10 <sup>3</sup> CFU/g	PASS
E. COLI	ABSENT/10g	ABSENT	PASS
SALMONELLA SPP.	ABSENT/10g	ABSENT	PASS

RESIDUAL SOLVENTS BY GC-HEADSPACE*			
ANALYTE	SPECIFICATION (PPM)	RESULTS (PPM)	STATUS
METHANOL	<3000	ND	PASS
PENTANE	<5000	ND	PASS
ETHANOL	<5000	ND	PASS
ACETONE	<5000	ND	PASS
N-HEXANE	<290	ND	PASS
ETHYL ACETATE	<5000	ND	PASS
HEPTANE	<5000	ND	PASS

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\*TESTING HAS A DEFINED "MEASUREMENT OF UNCERTAINTY" WHICH IS THE PARAMETER, ASSOCIATED WITH THE RESULT OF A MEASUREMENT, THAT CHARACTERIZES THE DISPERSION OF THE VALUES THAT COULD REASONABLY BE ATTRIBUTED TO THE PARTICULAR QUANTITY SUBJECT TO MEASUREMENT. THE MEASUREMENT OF UNCERTAINTY IS SIMILAR TO A MARGIN OF ERROR. WHEN THE MEASUREMENT OF UNCERTAINTY, NORMALLY EXPRESSED AS A +/- WITH A NUMBER, (E.G., +/- 0.05) IS COMBINED WITH THE REPORTED MEASUREMENT, IT PRODUCES A RANGE AND THE ACTUAL MEASUREMENT HAS A KNOWN PROBABILITY OF FALLING WITHIN THAT RANGE (TYPICALLY 95%). THIS DEFINITION IS BASED ON THE DEFINITION OF "UNCERTAINTY (OF MEASUREMENT)" IN SECTION 2.2.3 OF THE JOINT COMMITTEE FOR GUIDES IN METROLOGY 100:800, EVALUATION OF MEASUREMENT DATA—GUIDE TO THE EXPRESSION OF UNCERTAINTY IN MEASUREMENT (JCGM GUIDE). NIST TECHNICAL NOTE 1297, GUIDELINES FOR EVALUATING AND EXPRESSING THE UNCERTAINTY OF NIST MEASUREMENT RESULTS (TN 1297), IS BASED ON THE JCGM GUIDE. USDA ALSO RELIED ON THE EURACHEM/CO-OPERATION ON INTERNATIONAL TRACEABILITY IN ANALYTICAL CHEMISTRY'S "GUIDE ON USE OF UNCERTAINTY INFORMATION IN COMPLIANCE ASSESSMENT, FIRST EDITION 2007."

ND= BELOW LEVEL OF QUANTITATION PPM= PARTS PER MILLION; PPB= PARTS PER BILLION

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