



# UNITED SCIENCE

811 Pine Street, St. Croix Falls, WI 54024

## CERTIFICATE OF ANALYSIS

<b>CUSTOMER:</b>	MNGrown	<b>BATCH NUMBER:</b>	1
<b>PRODUCT NAME:</b>	5mg Delta9-THC Blueberry Gummy	<b>CERTIFICATION DATE:</b>	06JAN23
<b>WORK ORDER NUMBER:</b>	NM001170	<b>MANUFACTURE DATE:</b>	05JAN23
<b>LOT NUMBER:</b>	001154	<b>BEST BY DATE:</b>	06JUL23
<b>DESCRIPTION:</b>	0.12-0.14% Delta9-THC, 5 MG DELTA 9 THC GUMMY WITH BLUEBERRY FLAVORING		
<b>STORAGE CONDITIONS:</b>	KEEP AWAY FROM DIRECT EXPOSURE TO LIGHT.		

POTENCY BY HPLC*		
CANNABINOID NAME	% POTENCY	W/W (mg per gram)
CBD	<LOQ	<LOD
CBDA	<LOQ	<LOD
Delta9 THC	0.12 - 0.14	1.2 - 1.4
Delta8 THC	<LOQ	<LOD
CBN	<LOQ	<LOD
CBC	<LOQ	<LOD
<b>TOTAL CBD</b>	<LOQ	<LOD
<b>TOTAL THC</b>	<b>0.12 - 0.14%</b>	<b>1.2 - 1.4</b>
<b>TOTAL CANNABINOIDS</b>	<b>0.12 - 0.14%</b>	<b>1.2 - 1.4</b>

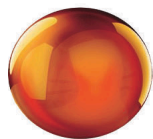
TEST DESCRIPTION	SPECIFICATION	RESULTS	STATUS
THC PER UNIT	4.8 - 5.6 mg	MEET LABEL CLAIM	PASS
APPEARANCE	Blue	AS SPECIFIED	PASS
ORGANOLEPTIC	SMELL MATCHES FLAVOR	AS SPECIFIED	PASS

IMPORTANT: THE INFORMATION PRESENTED HEREIN, WHILE NOT GUARANTEED, WAS PREPARED BY TECHNICAL PERSONNEL AND IS TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESSED OR IMPLIED, IS MADE REGARDING PERFORMANCE, SAFETY, STABILITY, OR OTHERWISE. THIS INFORMATION IS NOT INTENDED TO BE ALL-INCLUSIVE AS TO THE MANNER AND CONDITIONS OF USE, HANDLING, STORAGE, DISPOSAL AND OTHER FACTORS THAT MAY INVOLVE OTHER OR ADDITIONAL LEGAL, ENVIRONMENTAL SAFETY OR PERFORMANCE CONSIDERATIONS. UNITED SCIENCE ASSUME NO LIABILITY WHATSOEVER FOR THE USE OF OR RELIANCE UPON THIS INFORMATION. SAFE HANDLING, STORAGE AND USE IS THE RESPONSIBILITY OF THE CUSTOMER. NO SUGGESTIONS OF USES ARE INTENDED AS, AND NOTHING HEREIN SHALL BE CONSTRUED AS A RECOMMENDATION TO INFRINGE ON ANY EXISTING PATENTS OR VIOLATE FEDERAL, STATE OR LOCAL LAWS.

\*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

**APPROVED**  
Quality Manager, *Bingwen Yan, Ph.D.*

**DATE: 06JAN23**



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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=<LOQ; TOTAL CBD= (CBDA\*0.877)+CBD; TOTAL CBG= (CBGA\*0.877)+CBG; TOTAL THC= (THCA\*0.877)+THC; PPM= PARTS PER MILLION; PPB= PARTS PER BILLION

**APPROVED**  
Quality Manager, *Bingwen Yan, Ph.D.*

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