



# UNITED SCIENCE

811 Pine Street, St. Croix Falls, WI 54024

## CERTIFICATE OF ANALYSIS

<b>CUSTOMER:</b>	JDC Companies / MN Grown Hemp	<b>BATCH NUMBER:</b>	1
<b>PRODUCT NAME:</b>	5mg THC Berry Gummy	<b>CERTIFICATION DATE:</b>	02AUG22
<b>WORK ORDER NUMBER:</b>		<b>MANUFACTURE DATE:</b>	01AUG22
<b>LOT NUMBER:</b>	001042	<b>EXPIRATION DATE:</b>	02FEB22
<b>DESCRIPTION:</b>	0.13% THC, 5 MG DELTA 9 THC GUMMY WITH BERRY 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%	1.2
Delta8 THC	0.01%	0.1
CBN	<LOQ	<LOD
CBC	<LOQ	<LOD
<b>TOTAL CBD</b>	<LOQ	<LOD
<b>TOTAL THC</b>	<b>0.13%</b>	<b>5.2</b>
<b>TOTAL CANNABINOIDS</b>	<b>0.13%</b>	<b>5.2</b>

TEST DESCRIPTION	SPECIFICATION	RESULTS	STATUS
THC PER UNIT	4.6-5.4 mg	MEET LABEL CLAIM	PASS
APPEARANCE	Blue	AS SPECIFIED	PASS
ORGANOLEPTIC	SMELL MATCHES FLAVOR	AS SPECIFIED	PASS

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

**DATE: 03AUG22**



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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=<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

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