



UNITED SCIENCE

811 Pine Street, St. Croix Falls, WI 54024

CERTIFICATE OF ANALYSIS

CUSTOMER:	MNGrown	BATCH NUMBER:	1
PRODUCT NAME:	5mg Delta9-THC Grape Gummy	CERTIFICATION DATE:	06JAN23
WORK ORDER NUMBER:	NM001172	MANUFACTURE DATE:	05JAN23
LOT NUMBER:	001156	BEST BY DATE:	06JUL23
DESCRIPTION:	0.12-0.14% Delta9-THC, 5 MG DELTA 9 THC GUMMY WITH GRAPE FLAVORING		
STORAGE CONDITIONS:	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
TOTAL CBD	<LOQ	<LOD
TOTAL THC	0.12 - 0.14%	1.2 - 1.4
TOTAL CANNABINOIDS	0.12 - 0.14%	1.2 - 1.4

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

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

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