



UNITED SCIENCE

500 Simmon Drive, Osceola WI 54020

CERTIFICATE OF ANALYSIS

CUSTOMER:	Nemadji	CERTIFICATION DATE:	NA
PRODUCT NAME:	PuffPow(™) Sour 5 mg Gummies	MANUFACTURE DATE:	01JAN2023
PACKAGE SIZE:	4 ounce container w lid	RECERTIFICATION DATE:	NA
BEST BY DATE:	31DEC2023	LOT NUMBER:	001271
DESCRIPTION	ASSORTED FLAVOR GUMMIES WITH SOUR FINISH, 5 MG D9-THC PER GUMMY, LESS THAN 0.3% D9-THC. FLAVORS OF STRAWBERRY, BLUEBERRY, WATERMELON, APPLE, GRAPE.		
STORAGE CONDITIONS:	KEEP OUT OF DIRECT SUNLIGHT		

IDENTITY TEST - organoleptic properties testing

TEST DESCRIPTION	SPECIFICATION	RESULTS	STATUS
ASSAY (BY HPLC)	TOTAL CANNABIDIOL	AS REPORTED	PASS
APPEARANCE	LEAF-SHAPE GUMMY, SANDING, MULTIPLE COLORS	AS REPORTED	PASS
COLOR	PURPLE, RED, GREEN, PINK, BLUE	AS REPORTED	PASS
ORGANOLEPTIC	SLIGHT SWEET SMELL	AS REPORTED	PASS

POTENCY & IDENTITY (HPLC)

CANNABINOID NAME	CONC. mg/g	% POTENCY	LOQ (%)
CBC	< LOD	ND	0.001
CBCA	< LOD	ND	0.001
CBD	< LOD	ND	0.001
CBDA	< LOD	ND	0.001
CBDV	< LOD	ND	0.001
CBDVA	< LOD	ND	0.001
CBG	< LOD	ND	0.001
CBGA	< LOD	ND	0.001
CBL	< LOD	ND	0.001
CBN	< LOD	ND	0.001
CBNA	< LOD	ND	0.001

DELTA-8-THC	< LOD	ND	0.001
DELTA-9-THC	1.3-1.5	0.13-0.15%	0.001
THCA-A	< LOD	ND	0.001
THCV	< LOD	ND	0.001
THCVA	< LOD	ND	0.001
TOTAL CANNABINOIDS	1.3-1.5	0.13-0.15%	0.001

IMPURITIES BY LC/MS/GC, USP <561>									
ANALYTE	Result	ACTION LEVEL (PPM)	LOQ (PPM)	Status	ANALYTE	Result	ACTION LEVEL (PPM)	LOQ (PPM)	Status
ABAMECTIN	ND	0.500	0.100	PASS	IMAZALIL	ND	0.200	0.100	PASS
ACEPHATE	ND	0.400	0.100	PASS	IMIDACLOPRID	ND	0.400	0.100	PASS
ACEQUINOCYL	ND	2.000	0.750	PASS	KRESOXIM METHYL	ND	0.400	0.100	PASS
ACETAMIPRID	ND	0.200	0.100	PASS	MALATHION A	ND	0.200	0.100	PASS
ALDICARB	ND	0.400	0.100	PASS	METALAXYL	ND	0.200	0.100	PASS
AZOXYSTROBIN	ND	0.200	0.100	PASS	METHIOCARB	ND	0.200	0.100	PASS
BIFENAZATE	ND	0.200	0.100	PASS	METHOMYL	ND	0.400	0.100	PASS
BOSCALID	ND	0.400	0.100	PASS	MGK-264	ND	0.200	0.100	PASS
BIFENTHRIN	ND	0.200	0.100	PASS	MYCLOBUTANIL	ND	0.200	0.100	PASS
CARBARYL	ND	0.200	0.100	PASS	NALED	ND	0.500	0.100	PASS
CARBOFURAN	ND	0.200	0.100	PASS	OXAMYL	ND	1.000	0.100	PASS
CHLORANTRANILIPROLE	ND	0.200	0.100	PASS	PACLOBUTRAZOL	ND	0.400	0.100	PASS
CHLORPYRIFOS	ND	0.200	0.100	PASS	PARATHION-METHYL	ND	0.200	0.250	PASS
CLOFENTEZINE	ND	0.200	0.100	PASS	PERMETHRIN	ND	0.200	0.100	PASS
CYPERMETHRIN	ND	1.000	0.100	PASS	PHOSMET	ND	0.200	0.100	PASS
DAMINOZIDE	ND	1.000	0.100	PASS	PIPERONYL-BUTOXIDE	ND	2.000	0.100	PASS
DIAZINON	ND	0.200	0.100	PASS	PRALLETHRIN	ND	0.200	0.100	PASS
DICHLORVOS	ND	1.000	0.100	PASS	PROPICONAZOLE	ND	0.400	0.100	PASS
DIMETHOATE	ND	0.200	0.100	PASS	PROPOXUR	ND	0.200	0.100	PASS

ETHOPROPHOS	ND	0.200	0.100	PASS	PYRETHRINS	ND	1.000	0.100	PASS
ETOXAZOLE	ND	0.200	0.100	PASS	SPINOSYN A	ND	0.200	0.100	PASS
FENOXICARB	ND	0.200	0.100	PASS	SPINOSYN D	ND	0.200	0.100	PASS
FIPRONIL	ND	0.400	0.100	PASS	SPIROMESIFEN	ND	0.200	0.100	PASS
FLONICAMID	ND	1.000	0.100	PASS	THIACLOPRID	ND	0.200	0.100	PASS
FLUDIOXONIL	ND	0.400	0.100	PASS	THIAMETHOXAM	ND	0.200	0.100	PASS
HEXYTHIAZOX	ND	1.000	0.100	PASS	TRIFLOXYSTROBIN	ND	0.200	0.100	PASS

ELEMENTAL IMPURITIES, USP <232/223>				
HEAVY METALS	RESULT	ACTION LEVEL (PPB)	LOQ (PPB)	STATUS
ARSENIC	<LOQ	500.00	100.00	PASS
CADMIUM	<LOQ	500.00	100.00	PASS
LEAD	<LOQ	500.00	100.00	PASS
MERCURY	<LOQ	500.00	100.00	PASS

TOXINS, USP <661>				
MYCOTOXINS	RESULT	ACTION LEVEL (PPB)	LOQ (PPB)	STATUS
AFLATOXIN B1	<LOQ	20	6.00	PASS
AFLATOXIN B2	<LOQ	20	6.00	PASS
AFLATOXIN G1	<LOQ	20	6.00	PASS
AFLATOXIN G2	<LOQ	20	6.00	PASS
AFLATOXIN TOTAL	<LOQ	20.000	6.00	PASS
OCHRATOXIN A	<LOQ	20.000	12.00	PASS

RESIDUAL SOLVENTS, USP <407>				
RESIDUAL SOLVENTS	RESULTS	ACTION LEVEL (PPB)	LOQ (PPB)	STATUS
ACETONE	<LOQ	5000.00	87.900	PASS
BENZENE	<LOQ	1.600	1.600	PASS

CHLOROFORM	<LOQ	53.000	53.000	PASS
ETHANOL	<LOQ	5,000	26.700	PASS
HEXANE	<LOQ	60.000	36.600	PASS
I-BUTANE	<LOQ	5,000	100.000	PASS
ISOPROPANOL	<LOQ	5,000	52.300	PASS
METHANOL	<LOQ	3,000	87.900	PASS
N-BUTANE	<LOQ	5,000	200.000	PASS
PENTANE	PASSED	5,000	389.500	PASS
TOLUENE	<LOQ	890.000	38.400	PASS

MICROBIOLOGICAL CONTAMINANTS, USP <61>		
MICROBIOLOGY	RESULTS	STATUS
ASPERGILLUS FLAVUS	ABSENCE	PASS
ASPERGILLUS FUMIGATUS	ABSENCE	PASS
ASPERGILLUS NIGER	ABSENCE	PASS
ASPERGILLUS TERREUS	ABSENCE	PASS
SALMONELLA	ABSENCE	PASS
STEC E. COLI	ABSENCE	PASS
LISTERIA	ABSENCE	PASS

WATER ACTIVITY	RESULTS(AW)	ACTION LEVEL (AW)	STATUS
WATER ACTIVITY	0.62	0.750	PASS

QUALITY APPROVED

DATE: 02JAN2023

QUALITY MANAGER, DR. BINGWEN YAN

Dr. Bingwen Yan, PhD

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