



UNITED SCIENCE

500 Simmon Drive, Osceola WI 54020

CERTIFICATE OF ANALYSIS

CUSTOMER:	HOLUS	SAMPLE NUMBER:	1 g
PRODUCT NAME:	VANILLA LIP BALM	CERTIFICATION DATE:	25FEB20
PACKAGE SIZE:	4.8 G	MANUFACTURE DATE:	N/A
LOT NUMBER:	20423	RECERTIFICATION DATE:	N/A
DESCRIPTION	VANILLA ESSENCE INFUSED LIP BALM WITH CBD		
EXPIRATION DATE:	FEB2023		
STORAGE CONDITIONS:	KEEP AWAY FROM EXPOSURE TO LIGHT.		
STATE/COUNTRY OF ORIGIN(HEMP):	WISCONSIN, USA		

CANNABINOID NAME	% POTENCY	CONC. mg/g
CANNABIDIOLIC ACID (CBDa)	0.0	0.0
CANNABIDIOL (CBD)	0.32	3.2
TOTAL CBD	0.32	3.2
TOTAL THC	0.0	0.0

TEST DESCRIPTION	SPECIFICATION	RESULTS	STATUS
ASSAY (BY HPLC)	TOTAL CANNABIDIOL	AS REPORTED	PASS
APPEARANCE	CLEAR TO OPAQUE	N/A	N/A
SOLUBILITY	SPARINGLY SOLUBLE IN WATER	N/A	N/A
ORGANOLEPTIC	SMELL MATCHES SCENT/FLAVOR	AS SPECIFIED	PASS

PESTICIDES									
ANALYTE	Result (PPM)	ACTION LEVEL (PPM)	LOQ (PPM)	Status	ANALYTE	Result (PPM)	ACTION LEVEL (PPM)	LOQ (PPM)	Status
ABAMECTIN	<LOQ	0.500	0.100	PASS	IMAZALIL	<LOQ	0.200	0.100	PASS
ACEPHATE	<LOQ	0.400	0.100	PASS	IMIDACLOPRID	<LOQ	0.400	0.100	PASS
ACEQUINOCYL	<LOQ	2.000	0.750	PASS	KRESOXIM METHYL	<LOQ	0.400	0.100	PASS

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ANALYTE	Result (PPM)	ACTION LEVEL (PPM)	LOQ (PPM)	Status	ANALYTE	Result (PPM)	ACTION LEVEL (PPM)	LOQ (PPM)	Status
ALDICARB	<LOQ	0.400	0.100	PASS	METALAXYL	<LOQ	0.200	0.100	PASS
AZOXYSTROBIN	<LOQ	0.200	0.100	PASS	METHIOCARB	<LOQ	0.200	0.100	PASS
BOSCALID	<LOQ	0.200	0.100	PASS	METHOMYL	<LOQ	0.400	0.100	PASS
BIFENAZATE	<LOQ	0.400	0.100	PASS	MGK-264	<LOQ	0.200	0.100	PASS
BIFENTHRIN	<LOQ	0.200	0.100	PASS	MYCLOBUTANIL	<LOQ	0.200	0.100	PASS
CARBARYL	<LOQ	0.200	0.100	PASS	NALED	<LOQ	0.500	0.100	PASS
CARBOFURAN	<LOQ	0.200	0.100	PASS	OXAMYL	<LOQ	1.000	0.100	PASS
CHLORANTRANILIPROLE	<LOQ	0.200	0.100	PASS	PACLOBUTRAZOL	<LOQ	0.400	0.100	PASS
CHLORPYRIFOS	<LOQ	0.200	0.100	PASS	PARATHION- METHYL	<LOQ	0.200	0.250	PASS
CLOFENTEZINE	<LOQ	0.200	0.100	PASS	PERMETHRIN	<LOQ	0.200	0.100	PASS
CYPERMETHRIN	<LOQ	1.000	0.100	PASS	PHOSMET	<LOQ	0.200	0.100	PASS
DAMINOZIDE	<LOQ	1.000	0.100	PASS	PIPERONYLBUTOXIDE	<LOQ	2.000	0.100	PASS
DIAZINON	<LOQ	0.200	0.100	PASS	PRALLETHRIN	<LOQ	0.200	0.100	PASS
DICHLORVOS	<LOQ	0.100	0.100	PASS	PROPICONAZOLE	<LOQ	0.400	0.100	PASS
DIMETHOATE	<LOQ	0.200	0.100	PASS	PROPOXUR	<LOQ	0.200	0.100	PASS
ETHOPROPHOS	<LOQ	0.200	0.100	PASS	PYRETHRINS	<LOQ	1.000	0.100	PASS
ETOFENPROX	<LOQ	0.400	0.100	PASS	PYRIDABEN	<LOQ	0.200	0.100	PASS
ETOXAZOLE	<LOQ	0.200	0.100	PASS	SPINOSYN A	<LOQ	0.200	0.100	PASS
FENOXYCARB	<LOQ	0.200	0.100	PASS	SPINOSYN D	<LOQ	0.200	0.100	PASS
FIPRONIL	<LOQ	0.400	0.100	PASS	SPIROMESIFEN	<LOQ	0.200	0.100	PASS
FLONICAMID	<LOQ	1.000	0.100	PASS	TEBUCONAZOLE	<LOQ	0.400	0.100	PASS
FLUDIOXONIL	<LOQ	0.400	0.100	PASS	THIACLOPRID	<LOQ	0.200	0.100	PASS
HEXYTHIAZOX	<LOQ	1.000	0.100	PASS	THIAMETHOXAM	<LOQ	0.200	0.100	PASS
SPIROTETRAMAT	<LOQ	0.200	0.100	PASS	TRIFLOXYSTROBIN	<LOQ	0.200	0.100	PASS
SPIROXAMINE	<LOQ	0.400	0.100	PASS					

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HEAVY METALS				
ANALYTE	RESULT (PPB)	ACTION LEVEL (PPB)	LOQ (PPB)	STATUS
ARSENIC (As)	<LOQ	500.0	100.0	PASS
CADMIUM (Cd)	<LOQ	500.0	100.0	PASS
LEAD (Pb)	<LOQ	500.0	100.0	PASS
MERCURY (Hg)	<LOQ	500.0	100.0	PASS

MYCOTOXINS				
ANALYTE	RESULT (PPB)	ACTION LEVEL (PPB)	LOQ (PPB)	STATUS
AFLATOXIN B1	<LOQ		6.0	PASS
AFLATOXIN B2	<LOQ		6.0	PASS
AFLATOXIN G1	<LOQ		6.0	PASS
AFLATOXIN G2	<LOQ		6.0	PASS
AFLATOXIN TOTAL	<LOQ	20.0	6.0	PASS
OCHRATOXIN A	<LOQ	20.0	12.0	PASS

MICROBIOLOGY			
ANALYTE	SPECIFICATION	RESULTS	STATUS
TOTAL AEROBIC COUNT	<10 CFU/G	<10CFU/G	PASS
TOTAL YEAST AND MOLD	<10 CFU/G	<10CFU/G	PASS
E. COLI	ABSENT/10G	ABSENT	PASS
SALMONELLA SPP.	ABSENT/10G	ABSENT	PASS



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RESIDUAL SOLVENTS				
ANALYTE	RESULTS (PPM)	ACTION LEVEL (PPM)	LOQ (PPM)	STATUS
ACETONE	<LOQ	5,000	87.9	PASS
ETHANOL	<LOQ	5,000	26.7	PASS
HEXANE	<LOQ	290	36.6	PASS
METHANOL	<LOQ	3,000	87.9	PASS
PENTANE	<LOQ	5,000	389.5	PASS
ETHYL ACETATE	<LOQ	2,000	300	PASS

QUALITY APPROVED

DATE: 25FEB20

QUALITY MANAGER, NANCY CARTER

Nancy H. Carter

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