

# CERTIFICATE OF ANALYSIS



**Customer:** Nature's Bloom - Chandler, AZ 85248

<b>Order #:</b> 707776 <b>Batch #:</b> 19267S <b>Order Date:</b> 10/18/2019 <b>Collection Date:</b> 10/18/2019 <b>Report Date:</b> 10/25/2019	<b>Specimen Type:</b> Extract <b>Description:</b> 1000MG 0.85 OZ SALVE AND 2000MG 1.7OZ SALVE <b>Extracted From:</b> Hemp <b>Method:</b> SOP-3	<b>Initial Gross Weight:</b> 39306.00(mg) <b>Specimen Weight:</b> 112.95(mg)
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**Residual Solvents ( Passed ) (GC/GCMS)**

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
Acetone	5,000.000	<LOQ	87.900	Benzene	1.600	<LOQ	1.600	Chloroform	53.000	<LOQ	53.000
Ethanol	5,000.000	<LOQ	26.700	Hexane	60.000	<LOQ	36.600	I-Butane	5,000.000	<LOQ	100.000
Isopropanol	5,000.000	<LOQ	52.300	Methanol	3,000.000	<LOQ	87.900	N-Butane	5,000.000	<LOQ	200.000
Pentane	5,000.000	<LOQ	389.500	Toluene	890.000	<LOQ	38.400				

**Heavy Metals ( Passed ) (ICP-MS)**

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	500.000	<LOQ	100.000	Cadmium (Cd)	500.000	<LOQ	100.000	Lead (Pb)	500.000	<LOQ	100.000
Mercury (Hg)	500.000	<LOQ	100.000								

**Mycotoxins ( Passed ) (LCMS/MS)**

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1		<LOQ	6.000	Aflatoxin B2		<LOQ	6.000	Aflatoxin G1		<LOQ	6.000
Aflatoxin G2		<LOQ	6.000	Aflatoxin Total	20.000	<LOQ	6.000	Ochratoxin A	20.000	<LOQ	12.000

**Moisture (Moisture Meter)**

Analyte	Result (%)
Moisture	0.910

**Pathogenic Microbiology ( Passed ) (Micro Array)**

Analyte	Result (cfu/g)	Remark	Analyte	Result (cfu/g)	Remark	Analyte	Result (cfu/g)	Remark
Aspergillus Flavus	<1	Absence	Aspergillus Fumigatus	<1	Absence	Aspergillus Niger	<1	Absence
Aspergillus Terreus	<1	Absence	Salmonella	<1	Absence	STEC E. Coli	<1	Absence

**Water Activity ( Passed ) (AquaLab 4TE)**

Analyte	Action Level (aw)	Result (aw)
Water Activity	0.850	0.472

**Filth and Foreign Material ( Passed ) (Electronic Balance)**

Analyte	Action Level (area ratio)	Result (area ratio)	Analyte	Action Level (mg/Kg)	Result (mg/Kg)	Analyte	Action Level (%)	Result (%)
Covered Area	0.250	0.000	Feces	0.500	0.000	Weight %	5.000	0.000

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\*\* Total CBD = CBD + (CBD-A \* 0.877). Total THC = THCA-A \* 0.877 + Delta 9 THC. ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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