

## Restore

Sample ID: 1808ENC0077.0331  
Strain: Restore 1200 Broad Spectrum  
Matrix: Other  
Type: Other  
Sample Size: 1 units; Batch:

Produced:  
Collected: 09/04/2018  
Received: 08/31/2018  
Completed: 09/04/2018  
Batch#: RS1001000-RS1001750

Client  
Sana Botanicals LLC  
Lic. #  
6165 Clarksville Pike  
Joelton, TN 37080

0.038%	3.700%	3.907%	NT
Total THC	Total CBD	Total Cannabinoids	Total Terpenes

Summary	
Batch	Complete
Cannabinoids	Complete
Moisture	Not Tested
Terpenes	Not Tested
Residual Solvents	Not Tested
Microbials	Not Tested
Pesticides	Not Tested
Foreign Matter	Not Tested

### Cannabinoids

Analyte	LOQ	LOD	Mass	Mass
	%	%	%	mg/g
Complete				
Date Tested: 08/31/2018				
THCa	0.001	0.001	0.033	0.33
Δ9-THC	0.001	0.001	0.009	0.09
Δ8-THC	0.001	0.001	ND	ND
THCV	0.001	0.001	ND	ND
CBDa	0.001	0.001	1.022	10.22
CBD	0.001	0.001	2.804	28.04
CBDV	0.001	0.001	NR	NR
CBN	0.001	0.001	ND	ND
CBGa	0.001	0.001	0.039	0.39
CBG	0.001	0.001	ND	ND
CBC	0.001	0.001	ND	ND
Total			3.907	39.07

Total THC = THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = Total THC + Total CBD  
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. If product falls within labeled +/- 10%, then test PASSES. If it is over +/- 10%, then test FAILS.  
Method: SOP-CANN-Cannabinoids.01. Method: SOP-CANN-ForeignMaterial.01

### Terpenes

Analyte	LOQ	Mass	Mass
Not Tested			
Date Tested:			

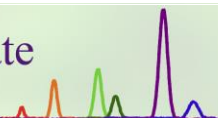


*Kevin Nolan*

Kevin Nolan  
Lab Supervisor  
09/04/2018

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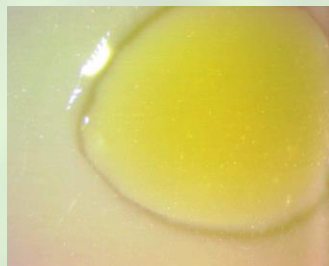
Certificate ID: **41691**  
 Received: **10/19/18**  
 Client Sample ID: **Broad Spectrum**  
 Lot Number:  
 Matrix: **Tincture - MCT Oil**

Scan QR Code  
for authenticity



**SANA BOTANICALS LLC**  
**6165 Clarksville Pike**  
**Joelton, TN 37080**  
**Attn: SAM BRAKE**

Authorization: <b>Jon Podgorni, Lab Manager</b>	Signature: 	Date: <b>11/9/2018</b>
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2005. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

## HM: Heavy Metal Analysis [WI-10-13]

Analyst: JFD

Test Date: 11/2/2018

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

### 41691-HM

Symbol	Metal	Conc. <sup>1</sup>	Units	MDL	Use Limits <sup>2</sup>		Units	Status
					All	Ingestion		
As	Arsenic	ND	µg/kg	4	200	1500	µg/kg	PASS
Cd	Cadmium	ND	µg/kg	1	200	500	µg/kg	PASS
Hg	Mercury	ND	µg/kg	2	100	1500	µg/kg	PASS
Pb	Lead	ND	µg/kg	2	500	1000	µg/kg	PASS

1) ND = None detected to Lowest Limits of Detection (LLD)

2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.

3) USP exposure limits based on daily oral dosing of 1g of concentrate for a 110 lb person.

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

**41691-MB1**

Symbol	Analysis	Results	Units	Limits*	Status
AC	Total Aerobic Bacterial Count	<100	CFU/g	100,000 CFU/g	PASS
CC	Total Coliform Bacterial Count	<100	CFU/g	1,000 CFU/g	PASS
EB	Total Bile Tolerant Gram Negative Count	<100	CFU/g	1,000 CFU/g	PASS
YM	Total Yeast & Mold	<100	CFU/g	10,000 CFU/g	PASS

Note: All recorded Microbiological tests are within the established limits.

**PST: Pesticide Analysis [WI-10-11]**

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

**41691-PST**

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	300	PASS
Abamectin B1b	65195-56-4	ND	ppb	0.20	300	*
Azoxystrobin	131860-33-8	27	ppb	0.10	40000	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	5000	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	500	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.50	1000	PASS
Daminozide	1596-84-5	ND	ppb	10.00	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.10	1500	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.10	10	PASS
Imazalil	35554-44-0	ND	ppb	0.10	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.10	3000	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	9000	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.10	8000	PASS
Pyrethrin	8003-34-7	ND	ppb	0.1	1000	PASS
Spinosad	168316-95-8	ND	ppb	0.1	3000	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	12000	*
Spirotetramat	203313-25-1	ND	ppb	0.10	13000	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	30000	PASS

\* Testing limits for ingestion established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (\*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

**END OF REPORT**