

CERTIFICATE OF ANALYSIS

CS0397_192546-002_C

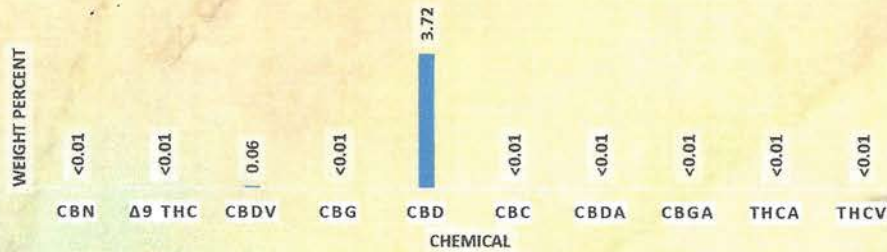
Cannabinoids

Client Sample ID: RED Pangaea RX
 Sample Description: 1000mg Tincture
 Receive sample: 14-Jun-19
 Initiate analyses: 17-Jun-19

Analyst: Dave Minser	Signature: <i>Dave Minser</i>	Date: 18 Jun 19
Reviewed by: Jacob Edwards	Signature: <i>Jacob Edwards</i>	Date: 18 Jun 19

Test Type: Total Cannabinoid Profile
 Technical Procedure: TP A0033-01

Results:



Chemical Analyzed	% Weight	Concentration (mg/mL)	Concentration (mg/30mL)
CBN	<0.01	<0.10	<3.0
Δ ⁹ THC	<0.01	<0.10	<3.0
CBDV	0.06	0.55	16.5
CBG	<0.01	<0.10	<3.0
CBD	3.72	34.92	1047.6
CBC	<0.01	<0.10	<3.0
CBDA	<0.01	<0.10	<3.0
CBGA	<0.01	<0.10	<3.0
THCA	<0.01	<0.10	<3.0
THCV	<0.01	<0.10	<3.0
total THC *	<0.01	<0.10	<3.0
total CBD *	3.72	34.92	1047.6
total	3.78	35.47	1064.1
ratio: Total CBD/THC		NA	



density = 0.938

* total THC is calculated by Δ⁹ THC + 0.877xTHCA

* total CBD is calculated by CBD + 0.877xCBDA

Concentration of cannabinoids were determined by HPLC-MS/MS with an Avazyme Intra lab validated method utilizing certified reference standards for each chemical analyzed.

Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols.

Avazyme is not responsible for Sponsor's use of the information or concepts generated as part of the study, and will not be liable for any loss or damage resulting from such use.