Acutus Laboratories Ltd.
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ACUTUS LABORATORIES

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# CERTIFICATE OF ANALYSIS

ISSUED TO: BREATHE INTERNATIONAL LTD. (227 SHEPHERDS BUSH ROAD, LONDON, W67AS)

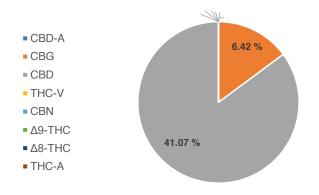
#### SAMPLE DETAILS

DATE RECEIVED	20-Nov-20	PRODUCT NO.	N/A
SAMPLE TYPE/DESCRIPTION	Dr Watson Mint Kush Big Hit	BATCH NO	N/A
ACUTUS SAMPLE NO.	S04513	DATE TESTED STARTED	23-Nov-20
PERFORMED BY	Shireen Everitt	DATE TESTING COMPLETE	24-Nov-20

#### CERTIFICATE NO: COA-CBD-401 V 1.0

All analyses were performed using the High-Performance Liquid Chromatographic (HPLC) method SOP/LAB/0038 V1.0 and quantification of Cannabinoids carried out using a certified reference standard.

## **CANNABINOID PROFILE**



•	` '	, , ,
Cannabidiolic acid (CBD-A)	N.D.	N.D.
Cannabigerol (CBG)	6.42	64.16
Cannabidiol (CBD)	41.07	410.65
Tetrahydrocannabivarin (THC-V)	N.D.	N.D.
Cannabinol (CBN)	N.D.	N.D.
Delta-9-Tetrahydrocannabinol (Δ9-THC)	N.D.	N.D.
Delta-8-Tetrahydrocannabinol (Δ8-THC)	N.D.	N.D.
Tetrahydrocannabinolic acid (THC-A)	N.D.	N.D.
Total Cannabinoids	47.49%	474.81 mg/g
Total Potential THC	0.00%	0 mg/g
Total Potential CBD	41.07%	410.65 mg/g

Result (%)

Result (mg/g)

Compound

 $LOQ = 0.2 \,\mu g/ml$ 

N.D. = Not Detected

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

Total THC =  $\Delta 9$ -THC + (THC-A \* (0.877)) and Total CBD = CBD + (CBD-A \* (0.877))

<sup>\*</sup> Total Cannabinoids result reflects the absolute sum of all cannabinoids detected

<sup>\*\*</sup> Total Potential THC/CBD is calculated using the following formulas to take into account the loss of carbonyl group during decarboxylation step

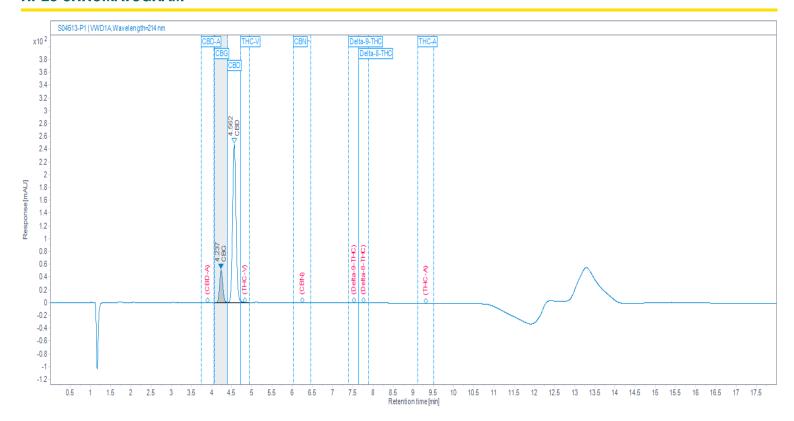
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## **HPLC CHROMATOGRAM**



### **ADDITIONAL NOTES**

Sampling is excluded and is the responsibility of the supplier.

\*All results reported in this certificate only relate to the sample and batch tested.

AUTHORISED BY: SIGNATURE: DATE:

Shireen Everitt 27-Nov-20

Signed by. S-1-12-1-2299596759-1105525858-402682035-3513694014/3bd31e99-5648-4abf-a51e-3aa049736e9c