



**ACUTUS
LABORATORIES**

Certificate of Analysis

Issued to:

**ISSUED TO: Breathe International Ltd. 227 Shepherds Bush Rd, London
United Kingdom W6 7AS**

Sample details

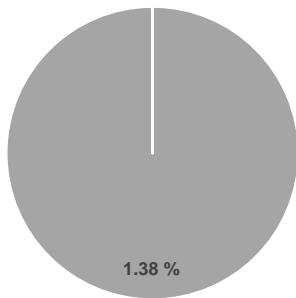
DATE RECEIVED	24-Oct-22	PRODUCT NO.	N/A
SAMPLE TYPE/DESCRIPTION	CBD Patches	BATCH NO	HMP2020220801/1
ACUTUS SAMPLE NO.	S07606	DATE TESTED STARTED	24-Oct-22
PERFORMED BY	Shireen Everitt	DATE TESTING COMPLETE	25-Oct-22

Certificate no: COA-CBD-810 V 1.0

All analyses were performed using the High-Performance Liquid Chromatographic (HPLC) method SOP/LAB/0039 V3.0 and quantification of Cannabinoids carried out using a certified reference standard. Note: This method is not an ISO standard test method.

Cannabinoid profile

- CBD-A
- CBG
- CBD
- THC-V
- CBN
- Δ9-THC
- Δ8-THC
- THC-A



Compound	Result (%)	Result (mg/patch)
Cannabidiolic acid (CBD-A)	N.D.	N.D.
Cannabigerol (CBG)	N.D.	N.D.
Cannabidiol (CBD)	1.38	13.83
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	1.38%	13.83 mg/patch
Total Potential THC*	0.00%	0 mg/patch
Total Potential CBD**	1.38%	13.83 mg/patch

LOQ = 0.2 µg/ml

N.D. = Not Detected

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

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected

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

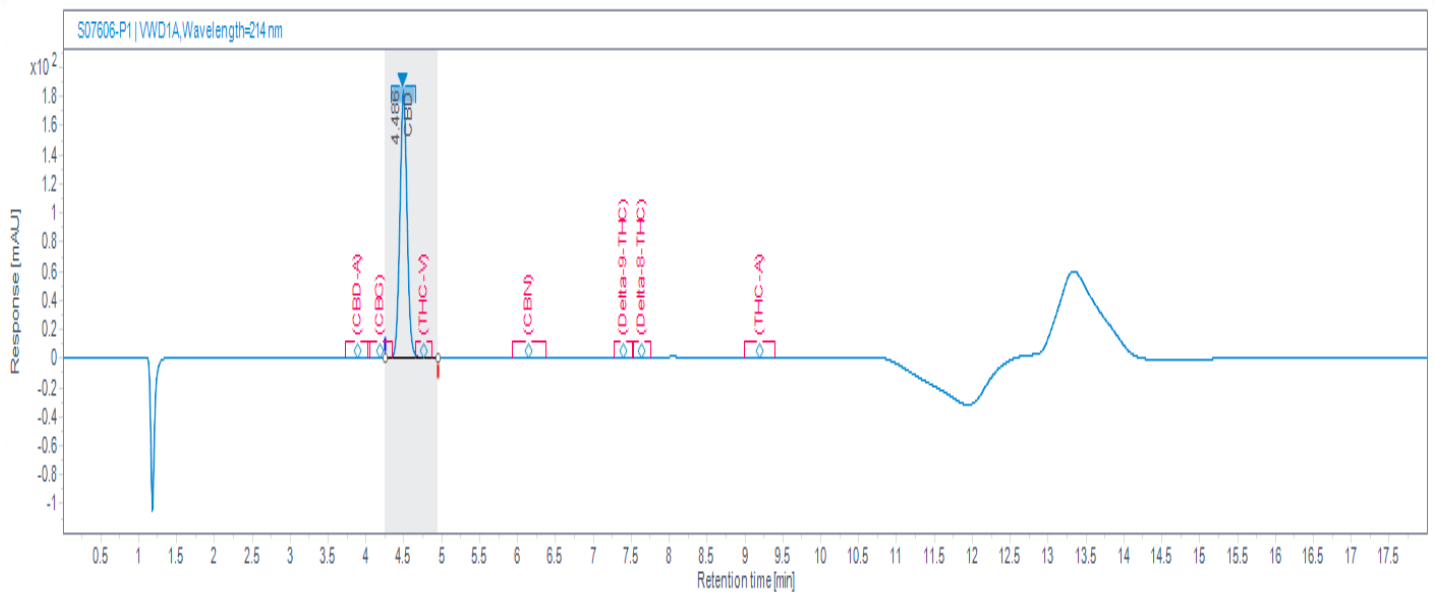
Total THC = Δ9-THC + (THC-A * (0.877)) and Total CBD = CBD + (CBD-A * (0.877))



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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.

Method and measurement uncertainty available upon request.

No statement of compliance with specifications is made or implied on this certificate. However, measurement results are reviewed, where applicable, to establish where any measurement result exceeded the manufacturer's specifications.

AUTHORISED BY:

Ryan Morrow

SIGNATURE:

X

DATE:

26-Oct-22

Signed by: S-1-12-1-315006314-1134601384-3595892871-1838775116/4431998a-bdc4-41f0-9ff4-35e72e3e35e4

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