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CERTIFICATE OF ANALYSIS no 2019/045/01

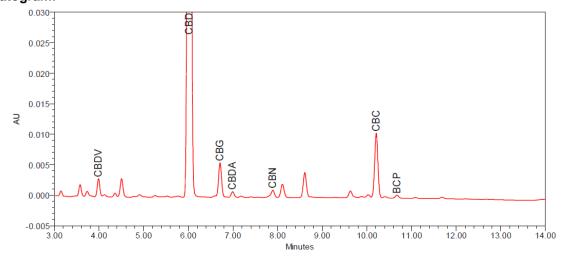
Translation of CoA no 2019/045/01

Sample description								
Hemp oil with CO ₂ hemp extract								
Sampling date	Analysis dat	ate Sample collected						
01.02.19	01.02.19	Paulina Ziemba						
Sample na	me	Laboratory code						
329003		329003						
Remarks		-						

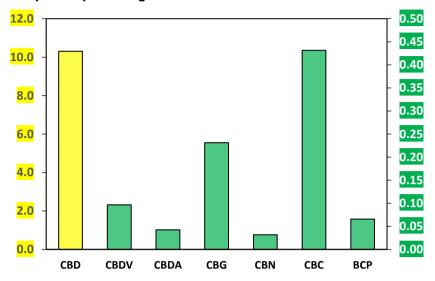
Results of analysis:

No	Code	Compound	Analysis method	Result	Uncertainty	Unit				
Cannabinoid content:										
1	329003	CBD		10.3	0.3	% (w:w)				
2		CBDV		0.10	0.01	% (w:w)				
3		CBDA	HPLC (internal	0.042	0.003	% (w:w)				
4		CBG	monograph)	0.23	0.01	% (w:w)				
5		CBN		0.032	0.002	% (w:w)				
6		CBC		0.43	0.03	% (w:w)				
Terpenoid content:										
1	329003	ВСР	HPLC (internal monograph)	0.07	0.01	% (w:w)				

Chromatogram:



Cannabinoid and terpenoid percentages:



List of substances:

Substance name	Symbol	Structure	Substance name	Symbol	Structure
Cannabidiol	CBD	H.C CH	Cannabinol	CBN	CIS ON ON ON
Cannabidivarin	CBDV	CH ₃ OH OH CH ₃ CH ₃ CH ₃	Cannabichromene	СВС	4:
Cannabidiolic acid	CBDA	CH ₃ CH ₃ CH ₅ CH ₅	β-caryophyllene	ВСР	34, 10,2 - 10,2
Cannabigerol	CBG	No. Ch. OH			

(Prepared by – Anna Borawska, Eng., Laboratory Technician)

Bonew ster

(Accepted by – Paulina Wiśniewska, PhD., Laboratory Manager)

Measurement uncertainty estimated as the expanded uncertainty with a coverage factor k=2. corresponding to a level of confidence of about 95%.

Mesuerement uncertainty does not include sampling contribution.

This certificate shall not be reproduced expect in its entirety, without the written approval of the laboratory. Results are applicable only for samples tested.

Complaints should be submitted within 14 days from the date of certification.