

HPLC analysis

no. S/180718/5



PBG.RO S.R.L.
 reg. RO 383 09 420
 hq@pbg.global
 +359 877 456 788

Client: **Dragonfly Biosciences Ltd**
 Address: **86-90 Paul Street, London EC2A 4NE**
 Product: **10% CBD oil**
 Batch: **0418**
 Report issue date: **17/08/2018**

main cannabinoids

CBDA	CBD	CBN	THC	THCA
ND	10.9466 %	<0.0001 %	ND	ND

other cannabinoids

CBG	THCV	CBC	CBL
1.1748 %	ND	ND	0.9114 %



HPLC controlled substances analysis carried out strictly following the "Recommended methods for the identification and analysis of cannabis and cannabis products" by United Nations Office on Drug and Crime

P. Penchev, PhD chemical engineer
 Head of production

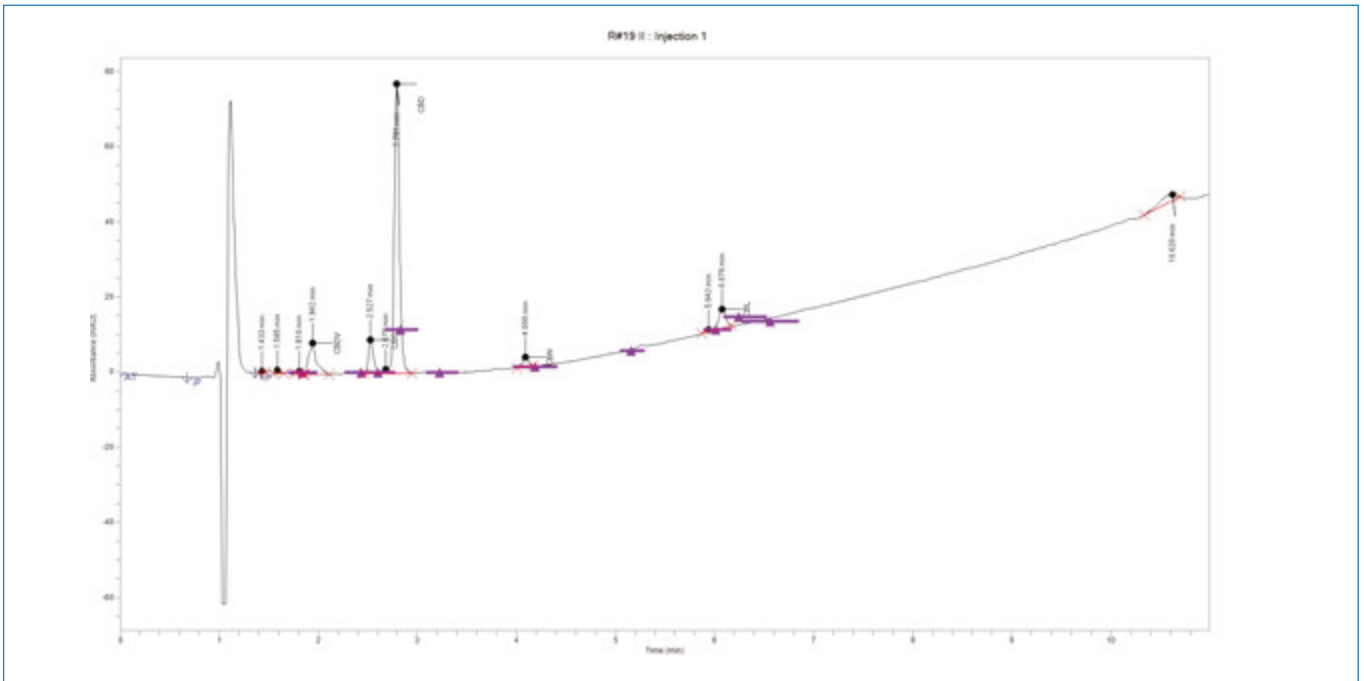


Ervin Ivanov, M.D., PhD cand.
 Head of research and development




HPLC chromatogram

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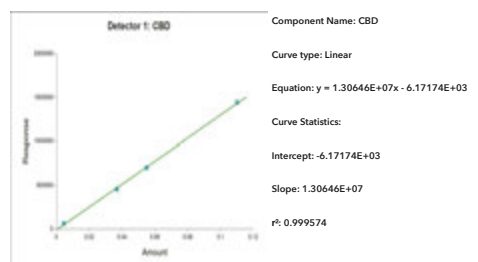
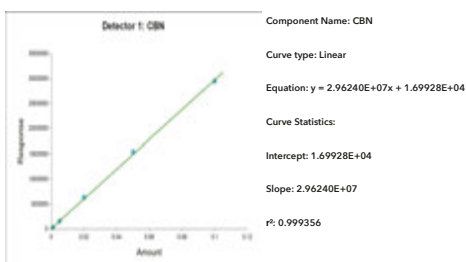
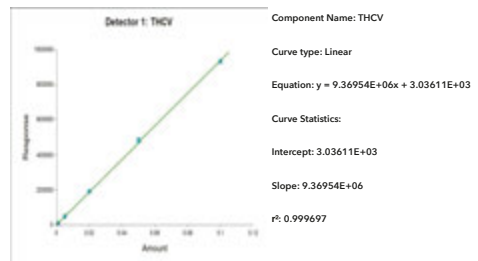
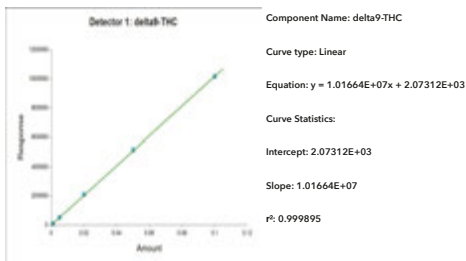
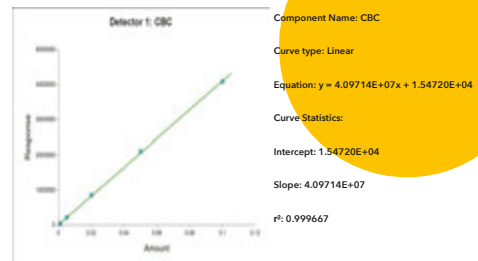
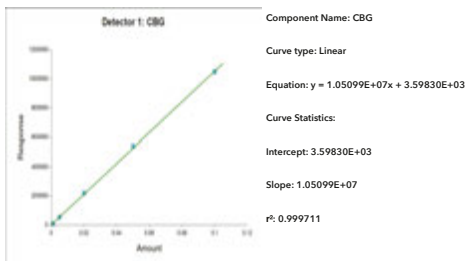
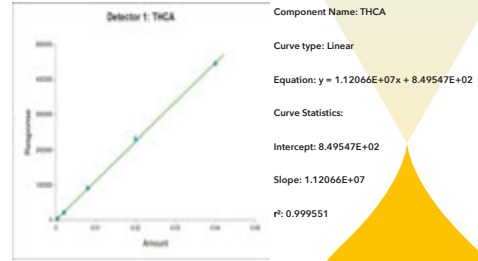
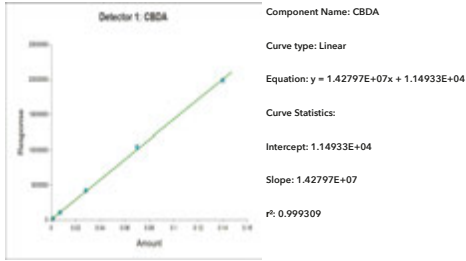
NB: The HPLC methods we use are specifically designed to test PBG Laboratories' production extracts with hemp's specific compound matrix. As such, any added solvent or carrier agent such as MCT, hemp seed oil or other will introduce their own compound matrixes that sometimes interfere with the results. Our analytical laboratory specialists warn that they detect anomalies in the chromatograms with the introduction of such unidentifiable with our methods compounds!


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HPLC calibration curves

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