

TEST REPORT

Testing laboratory:

 Eurofins ERICo Slovenija, Inštitut za ekološke raziskave d.o.o.,
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 Customer: Stark Projects Ltd., 16-18 Finch Drive, Springwood
 Ind Estate, CM7 2SF Essex, UK

Sample description: Products from Industrial Hemp

Laboratory sample identity: R1-1527/20

Sample name: Hemp Coffee 1000

Sampling site: Stark Projects Ltd.

Sampling performed by: Customer

Sampling date: 25.09.2020

Sample receiving date: 25.09.2020

RESULTS:

Parameter	Method	Result	Unit	Meas. Uncert. (MU in %)	Testing date
Total cannabidiol - CBD	internal method PM 4.57, 4 th ed	0.10	%	15	30.09.2020
Cannabidiol - CBD	internal method PM 4.57, 4 th ed	0.05	%	20	30.09.2020
Cannabidiolic acid - CBDA	internal method PM 4.57, 4 th ed	0.05	%	20	30.09.2020
Total tetrahydrocannabinol - THC	internal method PM 4.57, 4 th ed	<0.03	%	22	30.09.2020
Delta 9-tetrahydrocannabinol - D9-THC	internal method PM 4.57, 4 th ed	<0.03	%	22	30.09.2020
Delta 9-tetrahydrocannabinol acid - D9-THCA	internal method PM 4.57, 4 th ed	<0.03	%	22	30.09.2020
Delta 8-tetrahydrocannabinol - D8-THC	internal method PM 4.57, 4 th ed	<0.03	%	14	30.09.2020
Cannabinol - CBN	internal method PM 4.57, 4 th ed	<0.03	%	12	30.09.2020
Cannabigerol - CBG	internal method PM 4.57a, 1 st ed	#<0.03	%	/	30.09.2020
Cannabichromene - CBC	internal method PM 4.57a, 1 st ed	#<0.03	%	/	30.09.2020

- the results are related to non- accredited activity

 Head of laboratory:
 Matej Suštaršič

Notes

Total tetrahydrocannabinol (Total-THC) is analyzed directly with gas chromatography (GC-FID).
 Total tetrahydrocannabinol –THC (total delta 9-tetrahydrocannabinol) represents sum of delta 9-tetrahydrocannabinol (Δ 9-THC) and decarboxylated delta 9-tetrahydrocannabinol acid (Δ 9-THCA).

Delta 9-tetrahydrocannabinol (Δ 9-THC) is calculated, using the formula:

$$\text{Total } \Delta 9\text{-THC} = \Delta 9\text{-THC} + 0,877 * \Delta 9\text{-THCA}$$

Total cannabidiol is analyzed directly with gas chromatography (GC-FID) and represents sum of cannabidiol (CBD) and decarboxylated cannabidiolic acid - (CBDA).

cannabidiol (CBD) is calculated, using the formula:

$$\text{Total CBD} = \text{CBD} + 0,879 * \text{CBDA}$$

Measurement uncertainty (MU) is estimated from the contributions of the uncertainty arising from the test methods and environmental conditions, as well as short-term contributions to the course of testing ($k = 2$).

Uncertainty is evaluated in accordance with publication EA-4/16. Measurement uncertainty is given relative (in %) according to the given result.

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