

E&H services Inc.
Testing laboratory
CAI Accredited Testing Laboratory No. 1665
according to ČSN EN ISO/IEC 17025:2005
building VÚHŽ, 739 51 Dobrá 240



TEST REPORT No. 908/2020

Customer : XL Energy Marketing SP. z o.o.
 Arkadiusz Slowinski
 Zlota 59
 00-120 Warsaw

Set No. : 398/2020
Sample Received : 29.6.2020 12:00
Sample Analyzed : 29.6.2020 - 15.7.2020
Order No. : Not mentioned

Information about sample No.: 1265

Sampling Date and Time : Not mentioned
Sample name : Sample
Sample type : Vegetable materials
Sampled by : Customer
Sampling purpose : On the customer request

Results - chemical analysis

Parameter	Value	Unit	Kind	Method used	Uncertainty
Cannabidiol (CBD)	55	mg/g	A	SOP 16.02	± 30%
Cannabidiol Acid	0,52	mg/g	A	SOP 16.02	± 30%
Cannabigerol	2,5	mg/g	A	SOP 16.02	± 30%
Cannabigerolic Acid	0,10	mg/g	A	SOP 16.02	± 30%
delta-9-tetrahydrocannabinol (THC)	1,8	mg/g	A	SOP 16.02	± 30%
tetrahydrocannabinolic acid	<0,060	mg/g	A	SOP 16.02	---
Cannabinol	0,24	mg/g	A	SOP 16.02	± 30%
Sum of CBD	5,5	%	N	calculation	± 30%
Sum of CBG	0,26	%	N	calculation	± 30%
Sum of THC	0,19	%	N	calculation	± 30%
Benzo(a)pyrene	<2,0	ug/kg	N	SOP 5.02	---
Sum of PAHs	<10	ug/kg	N	SOP 6.00	---

Notice to sampling : The sampling itself is not a subject of accreditation.

Sum of PAHs = benzo(a)pyrene + chrysene + benzo(a)anthracene + benzo(b)fluoranthene

Method specification :

SOP 5.02 (ČSN EN ISO 15753, ČSN 56 0623)
 SOP 6.00 (ČSN 75 7554)

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Results are only for tested samples.

These expanded uncertainties of measurement are obtained by multiplying of standard uncertainty of measurement by extending coefficient $k=2$ (for confidence level 95%). Uncertainty of sampling not included.

"<" - result is below the detection limit, ">" - result is higher than mentioned value

Methods in Kind column: "A" accredited test,"N" non-accredited test

Checked by : Lisník Jiří, Mgr.
Completed by : Lisník Jiří, Mgr.
Number of pages : 2
Date : 15.7.2020



Tomáš Ocelka, Dipl. Ing., Ph.D.
head of Testing Laboratory



REPORT OF ANALYSIS No. 319133/20/WAW

Client XL ENERGY MARKETING SP. Z O.O. UL. ZŁOTA 59 00-120 WARSZAWA	Sample description <i>(according to declaration of Client)</i> sample 1 (50g) / CBD extract + hempseed oil Batch/lot: XL 1 / 220 Production date: 08-06-2020 Expiry date: 08-06-2021 Sample without any visible damages
Sample received: 2020-07-23	Order no XL 1 / 220 of 2020-07-03 The samples were delivered by Client
Analysis completed: 2020-07-29	
Report dated: 2020-07-29	

Test	Method	Unit	Result
* Cadmium	PB-68/ICP ed. III of 18.09.2012	mg/kg	< 0,002
* Lead	PB-68/ICP ed. III of 18.09.2012	mg/kg	< 0,05
* Mercury	PB-30/CVAAS ed. V of 18.09.2012	mg/kg	< 0,0006

THE END OF THE REPORT

Authorized by: Magdalena Florek, Expert Analyst, Spectroscopy Laboratory
 Approved by: Hanna Wachowska, Laboratory Director *(Approved with electronic signature)*

Laboratory: Gdynia 81-571, Chwaszczyńska 180

The results relate to the analysed samples only. Unless otherwise specified given expanded measurement uncertainty was estimated for the coverage factor $k=2$ at 95% confidence level. Sampling uncertainty has not been taken into consideration. Unless otherwise specified when conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019. This Report cannot be reproduced partially without a prior written consent of J.S. Hamilton Poland Sp. z o.o. Responsibility of J.S. Hamilton Poland Sp. z o.o. is restricted exclusively to the results and statements presented in original copy of the Report. The service confirmed by this Report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl

* Test method accredited; # Test performed by external provider

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TESTING LABORATORY

ul. Chwaszczyńska 180, 81-571 Gdynia, Poland, tel. +48 58 766 99 00



REPORT OF ANALYSIS No. 319134/20/WAW

Client XL ENERGY MARKETING SP. Z O.O. UL. ZŁOTA 59 00-120 WARSZAWA	Sample description <i>(according to declaration of Client)</i> sample 2 (100g) / CBD extract + hempseed oil Batch/lot: XL 2 / 220 Production date: 08-06-2020 Expiry date: 08-06-2021 Sample without any visible damages
Sample received: 2020-07-23	Order no XL 1 / 220 of 2020-07-03 The samples were delivered by Client
Analysis completed: 2020-07-30	
Report dated: 2020-07-30	

Test	Method	Unit	Result
* Enumeration of thermophilic aerobic bacteria	PN-EN ISO 4833-1:2013-12	cfu/g	<1,0x10 ¹
* Enumeration of yeast and moulds	PN-ISO 21527-2:2009		
Enumeration of moulds		cfu/g	<1,0x10 ¹
Enumeration of yeast		cfu/g	<1,0x10 ¹
* Detection of Escherichia coli	PN-ISO 7251:2006		absent in 1 g
* Detection of coagulase-positive staphylococci (Staphylococcus aureus and other species)	PN-EN ISO 6888-3:2004+AC:2005		absnet in 1 g
* Detection of Salmonella spp. in 25g	PN-EN ISO 6579-1:2017-04		absent

THE END OF THE REPORT

Authorized by: Dorota Nowak-Ziatyk, Acting Manager of Microbiology Laboratory, Microbiology Laboratory Gdynia
Ewelina Kłosowska, Senior Specialist Analyst, Microbiology Laboratory Gdynia
Approved by: Hanna Wachowska, Laboratory Director *(Approved with electronic signature)*

Laboratory: Gdynia 81-571, Chwaszczyńska 180

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REPORT OF ANALYSIS No. 319135/20/WAW

Client XL ENERGY MARKETING SP. Z O.O. UL. ZŁOTA 59 00-120 WARSZAWA	Sample description (according to declaration of Client) sample 3 (200g) / CBD extract + hempseed oil Batch/lot: XL 3 / 220 Production date: 08-06-2020 Expiry date: 08-06-2021 Sample without any visible damages
Sample received: 2020-07-23	Order no XL 1 / 220 of 2020-07-03 The samples were delivered by Client
Analysis completed: 2020-08-03	
Report dated: 2020-08-03	

Test	Method	Unit	Result
* Pesticides - screening - SCR ¹⁾	LMBG-00.00-34:1999 (DFG S19) except section E9		
Organochlorine pesticides			
DDT (sum of p,p'-DDT, o,p'-DDT, p-p'-DDE and p,p'-TDE (DDD) expressed as DDT)		mg/kg	0,012 ± 0,006
Other pesticides		mg/kg	below quantification limit
Organophosphorus pesticides			
Chlorpyrifos		mg/kg	0,017 ± 0,009
Other pesticides		mg/kg	below quantification limit
Pyrethroids		mg/kg	below quantification limit
Other pesticides		mg/kg	below quantification limit

¹⁾ List of analysed pesticides with quantification limits is in Enclosure SCR1 ed. VI of 08.06.2020.

THE END OF THE REPORT

Authorized by: Agnieszka Stachowicz, Senior Specialist analyst, Gas Chromatography Laboratory
 Approved by: Hanna Wachowska, Laboratory Director (*Approved with electronic signature*)

Laboratory: Gdynia 81-571, Chwaszczyńska 180

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