HAMILTON

AB 079

# REPORT OF ANALYSIS No. 337449/20/SGDY

| Client | Sample description *(according to declaration of Client)* |
|---|---|
| **HEMPLAB SP. Z O.O.**<br>PANA BALCERA 6/124<br>20-631 LUBLIN | **Cannabium Standard**<br>**Batch/lot: HL130705/2020**<br>**Production date: 13-07-2020**<br>**Expiry date: 31-08-2021**<br>**Sample without any visible damages** |
| Sample received: **2020-07-16**<br>Analysis completed: **2020-08-05**<br>Report dated: **2020-08-05** | **Order of 2020-07-13**<br>The samples were delivered by Client |

| Test | Method | Unit | Result | Criteria | Parameter compliant / non-compliant |
|---|---|---|---|---|---|
| * Enumeration of thermophilic aerobic bacteria[1)] | PN-EN ISO 4833-1:2013-12 | cfu/g | <1,0x10[1] | - | - |
| * Enumeration of yeast and moulds [1)] | 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[1)] | PN-ISO 7251:2006 | | absent in 1 g | - | - |
| * Detection of coagulase-positive staphylococci (Staphylococcus aureus and other species)[1)] | PN-EN ISO 6888-3:2004+AC:2005 | | absent in 1 g | - | - |
| * Detection of Salmonella spp.[1)] | PN-EN ISO 6579-1:2017-04 | | absent in 25 g | - | - |
| * 3-Monochloropropane-1,2-diol (3-MCPD), 2-monochloropropane-1,3-diol (2-MCPD), glycidol [2)] | DGF C-VI 18 (10) Part A, Part B | | | | |
| 3-monochloropropano-1,2-diol (3-MCPD) (free and bound, inc. glycidol) | | µg/kg | < 150 | - | - |
| 3-monochloropropano-1,2-diol (3-MCPD) (free and bound) | | µg/kg | < 150 | - | - |
| Glycidol (calculated) | | µg/kg | < 150 | ≤ 1000 | compliant |
| 2-Monochloropropano-1,3-diol (2-MCPD) (free and bound) | | µg/kg | < 150 | - | - |
| * C22:1n9 erucic acid[2)] | PN-EN ISO 12966-1:2015-01, PN-EN ISO 12966-2:2017-05 except p.5.3 and 5.5, PN-EN ISO 12966-4:2015-07 | g/100 g fat | < 0,1 | - | - |
| * Cadmium[2)] | PB-68/ICP ed. III of 18.09.2012 | mg/kg | < 0,002 | ≤ 1,0 | compliant |
| * Lead[2)] | PB-68/ICP ed. III of 18.09.2012 | mg/kg | < 0,05 | ≤ 3,0 | compliant |
| * Mercury[2)] | PB-30/CVAAS ed. V of 18.09.2012 | mg/kg | < 0,0006 | ≤ 0,10 | compliant |
| * Pesticides - screening - SCR [3)4)] | LMBG-00.00-34:1999 (DFG S19) except section E9 | | | | |
| Organochlorine pesticides | | mg/kg | below quantification limit | - | - |
| Organophosphorus pesticides | | mg/kg | below quantification limit | - | - |
| Pyrethroids | | mg/kg | below quantification limit | - | - |

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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



Form PO-10/02a of 20.01.2020

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## REPORT OF ANALYSIS No. 337449/20/SGDY

| | | | | | |
|---|---|---|---|---|---|
| Other pesticides | | mg/kg | below quantification limit | - | - |
| # * Dioxins / Furans / Dioxin-like PCBs / PCB indicator [2)5)] | NEN-EN 16215 - EC 709/2014 | | | | |
| WHO-PCDD/F-TEQ | | pg/g fat | 0,138 ± 0,041 | ≤0,75 | compliant |
| WHO-PCB-TEQ | | pg/g fat | 0,135 ± 0,041 | - | - |
| WHO-PCDD/F-PCB-TEQ | | pg/g fat | 0,273 ± 0,082 | ≤1,25 | compliant |
| Sum of PCBs (ICES - 6) | | ng/g fat | 6,0 ± 1,68 | ≤40,0 | compliant |

[1)] Commission Regulation (EC) No 2073/2005 of 15 November 2005. as amended, on microbiological criteria for foodstuffs.

[2)] Commission Regulation (EC) No 1881/2006 of 19 December 2006, as amended, setting maximum levels for certain contaminants in foodstuffs.

[3)] Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005, as amended, on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC.

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

[5)] Details of the measurement are available upon request.

Test: Dioxins / Furans / Dioxin-like PCBs / PCB indicator was performed by external provider with an accreditation number L059

**THE END OF THE REPORT**

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