

TEST REPORT

Report No. R 00251/26 Rev 00
Reported Date 09 Jun 26
Customer Boss Farm Company Co., Ltd
29/16 Phloemsin, Khlong Thanon, Sai Mai, Bangkok 10220
Tel. : 082-555-6656
E-mail. : p.suwannakhon@gmail.com
Sample Name Dried Cannabis Flower (Carbon Gas)
QC Request No. 00295/26
Sample No. 00295/26-1/2, 2/2
Batch No. -
Mfd or Sampling date -
Exp. date -
Sample Condition Sample Description : Dried cannabis flower exhibits a green
Packaging : Plastic bag, well-closed container
Quantity : 2 Bags, Total weight 140 g.
Received Temperature : Ambient temperature
Received Date 22 May 26
Analytical Date 22 May 26 – 08 Jun 26

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Result

IDENTIFICATION		
Test Item	Result	Reference Method
*Appearance	The inflorescence is dark green and more or less densely pilose, with covering trichomes and glandular trichomes that produce a sticky resin with an aromatic odour.	In-House Method
*Color	Greenish	In-House Method

FOREIGN MATTER		
Test Item	Result	Reference Method
*Foreign matter	0.04%, Free from seeds, moulds, insects and other vermin. leaves length < 1.0 cm and stem length < 2 cm	Ph. Eur. 2.8.2

LOSS ON DRYING			
Test Item	Result	Units	Reference Method
*Loss on Drying (40 °C)	7.47	%w/w	Ph. Eur. 2.2.32

CANNABINOID RELATIVE CONCENTRATION					
Test item	Result	LOD	LOQ	Units	Reference Method
*Total Cannabidiol (Total CBD)	0.30	-	-	%w/w, on dried basis	Calculation from CBD total = CBD + (0.877 x CBDA)
*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	In-house method WI-QC-022 in connection with AOAC (online 2023) 2018.11 and Ph. Eur. 2.2.29
*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	
*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	
*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	
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*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	
*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	
*Cannabidiol (CBDV)	Not detected	0.000005	-	%w/w, on dried basis	
*Total Tetrahydrocannabinol (Total THC)	23.35	-	-	%w/w, on dried basis	Calculation from THC total = Δ ⁹ -THC + (0.877 x THCA)
*Tetrahydrocannabinol (THCV)	0.08	0.000006	-	%w/w, on dried basis	In-house method WI-QC-022 in connection with AOAC (online 2023) 2018.11 and Ph. Eur. 2.2.29
*Delta-9-Tetrahydrocannabinol (Δ ⁹ -THC)	0.87	0.000018	0.000063	%w/w, on dried basis	
*Delta-8-Tetrahydrocannabinol (Δ ⁸ -THC)	Not detected	0.000019	-	%w/w, on dried basis	
*Tetrahydrocannabinol (THCV)	0.08	0.000006	-	%w/w, on dried basis	

HEAVY METALS					
Element	Result	LOD	LOQ	Units	Reference Method
*Arsenic	0.03770	0.00002	0.00005	ppm, as is basis	Ph. Eur. 2.4.27
*Cadmium	0.02367	0.00000	0.00000	ppm, as is basis	
*Mercury	0.00276	0.00002	0.00007	ppm, as is basis	
*Lead	0.13367	0.00005	0.00014	ppm, as is basis	

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MICROBIOLOGY			
Pathogen	Result	Units	Reference Method
Total Aerobic Microbial Count	1.15 x 10 ⁶	cfu/g	Ph. Eur. 2.6.12
Total Yeast and Mold Count	2.25 x 10 ⁶	cfu/g	
*Bile-Tolerant Gram-Negative Bacteria	More than 10 ³	cfu/g	Ph. Eur. 2.6.13
* <i>Pseudomonas aeruginosa</i>	Detected	per g	
* <i>Staphylococcus aureus</i>	Not detected	per g	
* <i>Escherichia coli</i>	Not detected	per g	
* <i>Clostridium</i> spp.	Not detected	per g	Ph. Eur. 2.6.31
* <i>Salmonella</i> spp.	Not detected	per 25 g	

MYCOTOXIN				
Test Item	Result	Units	LOD	Reference Method
**Aflatoxin B1	Not detected	µg/kg	0.20	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08
**Aflatoxin B2	Not detected	µg/kg	0.20	
**Aflatoxin G1	Not detected	µg/kg	0.40	
**Aflatoxin G2	Not detected	µg/kg	0.20	
**Total Aflatoxin	Not detected	µg/kg	-	In-house method TE-CH-392 based on AOAC (2023) 2000.03
**Ochratoxin A	Not detected	µg/kg	5.00	

MOISTURE CONTENT			
Test item	Result	Units	Reference Method
*Moisture Content (105 °C)	13.15	%w/w	USP 43 <921>

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Test Item	Result (%)		LOD mg/g	LOQ mg/g	Reference Method
	mg/g	%w/w			
***Terpene					
Δ - Cadinene	0.383	0.038	0.003	0.009	
3 - Carene	Not detected	Not detected	0.001	0.004	
Borneol	0.267	0.027	0.001	0.003	
Camphene	0.146	0.015	0.002	0.007	
Camphor	Not detected	Not detected	0.005	0.015	
Carvacrol	Not detected	Not detected	0.001	0.003	
Carvone	Not detected	Not detected	0.002	0.006	
Caryophyllene Oxide	0.344	0.034	0.005	0.016	
Cedrol	Not detected	Not detected	0.004	0.013	
Citral	Not detected	Not detected	0.003	0.009	
Citronellol	Not detected	Not detected	0.016	0.053	
Dihydroactinolide	Not detected	Not detected	0.002	0.007	
Dihydrocarvone	Not detected	Not detected	0.003	0.011	
Eucalyptol	Not detected	Not detected	0.004	0.012	
Farnesol	Not detected	Not detected	0.001	0.004	
Fenchol	1.468	0.147	0.002	0.007	
Fenchone	0.049	0.005	0.001	0.004	
Geranyl Acetate	Not detected	Not detected	0.001	0.003	
Geranyl Acetone	2.965	0.297	0.002	0.007	
Guaiene	0.253	0.025	0.002	0.005	
Isoborneol	Not detected	Not detected	0.001	0.003	
Isopulegol	Not detected	Not detected	0.008	0.028	
Isoterpinene	0.055	0.006	0.002	0.007	
Limonene	6.175	0.618	0.002	0.006	
Linalool	1.102	0.110	0.003	0.009	
Longifolene	Not detected	Not detected	0.003	0.010	
Menthol	Not detected	Not detected	0.003	0.010	
Nerol	Not detected	Not detected	0.007	0.024	
Nerolidol	Not detected	Not detected	0.004	0.014	
Ocimene	Not detected	Not detected	0.011	0.038	
p-Cymene	Not detected	Not detected	0.001	0.002	
Piperitone	Not detected	Not detected	0.001	0.005	
Pulegone	Not detected	Not detected	0.004	0.013	
Sabinene	0.822	0.082	0.001	0.003	
Sabinene hydrate	0.038	0.004	0.003	0.011	
Sulcatone	Not detected	Not detected	0.009	0.031	
trans-B-Farnesene	0.530	0.053	0.001	0.004	
Valencene	Not detected	Not detected	0.003	0.011	
α-Bisabolol	1.391	0.139	0.001	0.004	
α-Cedrene	Not detected	Not detected	0.002	0.007	
α-Humulene	3.757	0.376	0.001	0.003	
α-Phellandrene	Not detected	Not detected	0.002	0.006	
α-Pinene	0.607	0.061	0.013	0.044	
α-Pinene Oxide	Not detected	Not detected	0.002	0.007	
α-Terpinene	Not detected	Not detected	0.002	0.006	
α-Terpineol	1.500	0.150	0.003	0.010	
β-Caryophyllene	3.703	0.370	0.005	0.018	
β-Cyclocitral	Not detected	Not detected	0.002	0.007	
β-Ionone	Not detected	Not detected	0.001	0.005	
β-Myrcene	1.154	0.115	0.001	0.004	
β-Pinene	0.800	0.080	0.001	0.003	
γ-Terpinene	Not detected	Not detected	0.001	0.005	
Total Terpenoids	27.510	2.751	-	-	

In-house Method THL-TP-002 - Analysis of terpene
by GC-MS

Remark : * The laboratory activities are not covered by the scope of accreditation.

** Test method is/are not covered complying with the ISO/IEC 17025 and using the external testing service within subcontractor in which is/are covered complying with the ISO/IEC 17025 in the same test method.

*** Using the external testing service within subcontractor in which is/are not covered complying with the ISO/IEC 17025.

-- End of Report--



Ms. Siraprapha Yeaprayoon
Technical Manager

Reported date : 09 / Jun / 26



Ms. Manusnit Oupaichit
Quality Management Director

Approved date : 9 / Jun / 26