

分析報告書

Qreete 株式会社 御中

2024年7月27日

ご依頼された CBD アイソレートの分析結果を報告いたします。指定薬物である THC は検出されませんでした。カンナビノイド以外の成分は測定していません。

成分名	分析種目	保持時間 (min)	結果	検出限界 (LOD)
CBD ^{※1}	定量	4.415	99.5 (w/w) %	0.0001 (w/w) %
Δ 9-THC ^{※2}	定性	6.9	ND ^{※4}	0.0001 (w/w) %
Δ 8-THC ^{※3}	定性	7.2	ND ^{※4}	0.0001 (w/w) %

※1CBD: Cannabidiol, ※2 Δ 9-THC: Δ 9-tetrahydrocannabinol, ※3 Δ 8-THC: Δ 8-tetrahydrocannabinol,

※4ND: Not detected (検出せず)

測定日：2024年7月27日

検体：CBD アイソレート

検体の外観：微黄色結晶

測定場所：株式会社日本 CBD 分析センターラボ

測定機器：島津高速液体クロマトグラフ Nexera X2 (検出ユニット：SPD-20A) PDA 検出法

検出波長：228 nm



分析報告書発行元：

株式会社日本 CBD 分析センター

〒105-0001 東京都港区虎ノ門 4-3-20

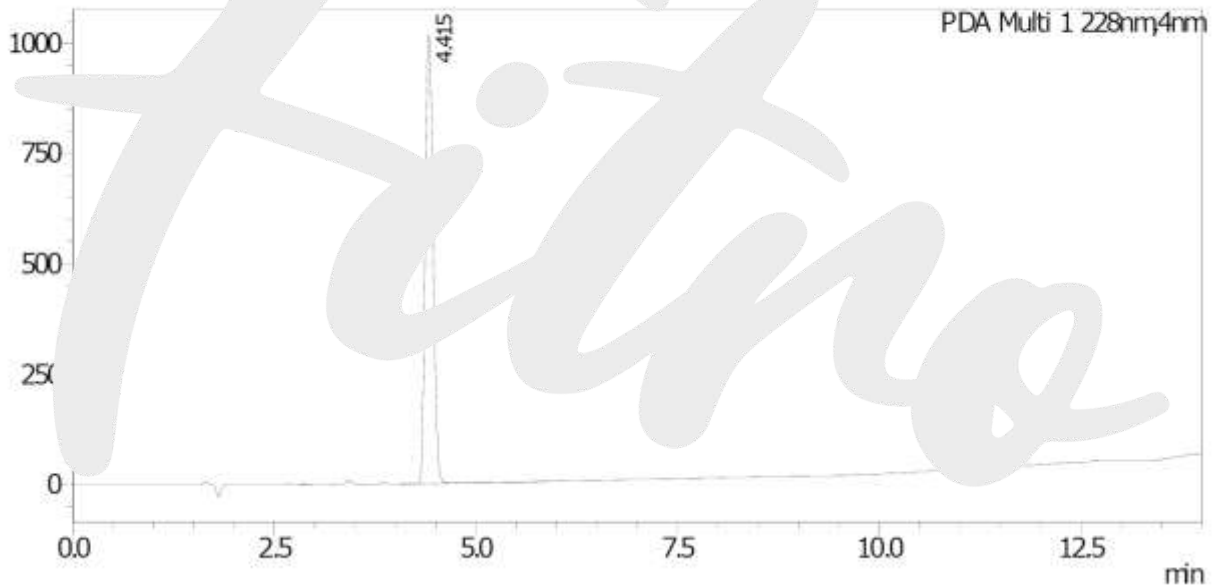


<サンプル情報>

サンプル名	: CBD	サンプルタイプ	: 未知
サンプルID	:		
データファイル	: 2024-07-27 CBD isolate-1.lcd		
メソッドファイル	: CBD20240509- CBD with PPM for PDA.lcm		
バッチファイル	:		
バイアル番号	: 1-1		
注入量	: 1 μ L		
分析日時	: 2024/07/27 14:57:50	分析者	: Sugiyama
解析日時	: 2024/07/27 15:43:42	解析者	: Sugiyama

<クロマトグラム>

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TEST REPORT

Report No. RR 00X44/23 Rev 00

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QC Request No. : 000117/23 Customer : Siam Herbal Tech CO.,LTD 288/8 Moo 4, Bang Ya Phraek Muang – Samutsakorn Samutsakorn 74000 Tel. : +66 34 119 775 E-mail : info@siamherbaltech.com	Sample No. : 000117/23-1/1 Sample Name : D.R. CANN MEDICAL GRADE CBD ISOLATE Batch no. : 0006032301 Mfd or Sampling date. : 02 Dec 2022 Exp. : 01 Dec 2024 Description : Clear, white crystalline powder Sampling amount : 5 g
Received Date : 22 Feb 23	Analytical Date : 22 Feb 23
Reported Date : 02 Mar 23	

CANNABINOID RELATIVE CONCENTRATION

Test item	Result	LOD	Units	Reference Method
Total Cannabidiol (Total CBD)	97.16	-	%w/w	Calculation from CBD total = CBD + (0.877 x CBDA)
Cannabidiol (CBD)	97.16	0.000013	%w/w	AOAC 2018.11
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Cannabidiol (CBD)	97.16	0.000013	%w/w	AOAC 2018.11
Total Tetrahydrocannabinol (Total THC)	Not detected	-	%w/w	Calculation from THC total = Δ ⁹ -THC + (0.877 x THCA)
Delta-9-Tetrahydrocannabinol (Δ ⁹ -THC)	Not detected	0.000018	%w/w	AOAC 2018.11
Delta-8-Tetrahydrocannabinol (Δ ⁸ -THC)	Not detected	0.000019	%w/w	AOAC 2018.11
Tetrahydrocannabinolic acid (THCA)	Not detected	0.000018	%w/w	AOAC 2018.11
Tetrahydrocannabinol (THC)	Not detected	0.000018	%w/w	AOAC 2018.11
Tetrahydrocannabinol (THC)	Not detected	0.000018	%w/w	AOAC 2018.11
Tetrahydrocannabinol (THC)	Not detected	0.000018	%w/w	AOAC 2018.11
Tetrahydrocannabinol (THC)	Not detected	0.000018	%w/w	AOAC 2018.11
Tetrahydrocannabinol (THC)	Not detected	0.000018	%w/w	AOAC 2018.11

MICROBIOLOGY

Pathogen	Result	Units	Reference Method
Total Aerobic Microbial Count	7.0 × 10 ²	cfu/g	THP 2021
Total Yeast and Mold Count	< 10	cfu/g	THP 2021
<i>Clostridium spp.</i>	Not detected	cfu/g	THP 2021
<i>Staphylococcus aureus</i>	Not detected	cfu/g	THP 2021
<i>Pseudomonas aeruginosa</i>	Not detected	cfu/g	THP 2021
<i>Escherichia coli</i>	Not detected	cfu/g	THP 2021

HEAVY METALS

Element	Result	LOD	Units	Reference Method
Arsenic	Not detected	0.00012	ppm	USP 44 <232,233>
Cadmium	Not detected	0.00006	ppm	USP 44 <232,233>
Mercury	Not detected	0.00003	ppm	USP 44 <232,233>
Lead	Not detected	0.00010	ppm	USP 44 <232,233>

MOISTURE CONTENT

Result	Units	Reference Method
0.42	%w/w	USP 44 <731>

RESIDUAL SOLVENTS

Test item	Result	Units	Reference Method
Ethanol	Not detected	ppm	USP 44 <467>
Pentane	Not detected	ppm	USP 44 <467>

SUMMARY RESULT

POTENCY

• Total CBD	97.16 %w/w
• CBDV	0.67 %w/w
• CBD	97.16 %w/w
• CBC	0.25 %w/w

MICROBIOLOGY

• Total Aerobic Microbial Count	7.0 × 10 ² cfu/g
• Total Yeast and Mold Count	< 10 cfu/g

HEAVY METALS

Not detected

MOISTURE CONTENT

0.42 %w/w

RESIDUAL SOLVENTS

Not detected

REMARK

Siam Herbal Tech Lab guarantees the analytical result only the samples that have been sent for testing in laboratories.

-- End of Report --



 Mr. Puncha Khownual
 Quality Control Manager

Reported date: 02, Mar, 23



 Ms. Manusnit Oupaichit
 Quality Management Director

Approved date: 2, Mar, 23

CERTIFICATE OF ANALYSIS

Product	: D.R. CANN MEDICAL GRADE CBD ISOLATE	Manufacturing date	: 02 Dec 2022
Lot no.	: 0006032301	Expiry date	: 01 Dec 2024
Size	: 1,000 grams	Analysis date	: 22 Feb 2023
Package	: Aluminium foil bag		

Test Item	Standard	Results
Description		
- Appearance	White or slightly off-white crystalline powder.	Passed
- Odor	No significant odor.	Passed
- Consistency	Fine-coarse powdered crystal.	Passed
- Solubility	Soluble in oils and ethanol.	Passed
Moisture Content	Not more than 10 %w/w	0.42 %w/w
Assay		
- Total Cannabidiol (CBD)	90 - 110 %w/w	97.16 %w/w
- Total Tetrahydrocannabinol (THC)	Not more than 0.2 %w/w	Not detected
Heavy Metals		
- Arsenic	Not more than 4 ppm	Not detected
- Cadmium	Not more than 0.3 ppm	Not detected
- Mercury	Not more than 0.5 ppm	Not detected
- Lead	Not more than 10 ppm	Not detected
Microbiology		
- Total Aerobic Microbial Count	Not more than 10 ³ cfu/g	7 x 10 ² cfu/g
- Total Yeast and Mold Count	Not more than 10 ² cfu/g	< 10 cfu/g
- <i>Clostridium spp.</i>	Not detected per g	Not detected
- <i>Staphylococcus aureus</i>	Not detected per g	Not detected
- <i>Pseudomonas aeruginosa</i>	Not detected per g	Not detected
- <i>Escherichia coli</i>	Not detected per g	Not detected
Pesticides Residues		
- Carbamate group	Not detected	Not detected
- Organochloride group	Not detected	Not detected
- Organophosphate group	Not detected	Not detected
- Pyrethroid group	Not detected	Not detected
Residual Solvents		
- Ethanol	Not more than 5,000 ppm	Not detected
- Pentane	Not more than 5,000 ppm	Not detected
Net Weight	Not less than the labelled weight.	1,000.03 grams

CONCLUSION : PASSED TESTS

We certify that the above mentioned are true and genuine from all respects.



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 Quality Management Director
 Approved date : 02 Mar 23