

Phyto Group International BV
Candropharm International
Bosscheweg 60A -Unit 6-
5735GW Aarle-Rixtel Netherlands
+31 492 472515 | lab@candropharm.com

Report date: 10 August 2025

Product name:	Vital24 20% Oil	Method of testing:	See result tables below
Manufacturing date:	August 2025	Sample identification number:	2891
Best Before Date	August 2027	Batch number:	2891
Date of receipt sample:	10 August 2025	Sample material:	Oil
Starting date analysis:	10 August 2025	Further information:	NA
Contract testing by:	Candropharm's in-house method	Limit of quantification:	0.01%

CANNABINOIDS			ANALYTICAL METHOD:		HPLC-UV	
Test	Compound		Results	Unit	Specification	Result
CBD potency	CBD	Cannabidiol	23,4	% (w/w)	Informative	Pass
	CBDA	Cannabidiolic acid	<LOQ	% (w/w)	Informative	Pass
	CBDV	Cannabidivarin	0,01	% (w/w)	Informative	Pass
	CBDVA	Cannabidivarinic Acid	<LOQ	% (w/w)	Informative	Pass
Other minors	CBG	Cannabigerol	<LOQ	% (w/w)	Informative	Pass
	CBGA	Cannabigerol Acid	<LOQ	% (w/w)	Informative	Pass
	CBN	Cannabinol	<LOQ	% (w/w)	Informative	Pass
	CBNA	Cannabinolic Acid	<LOQ	% (w/w)	Informative	Pass
	CBC	Cannabichromene	<LOQ	% (w/w)	Informative	Pass
	CBCA	Cannabichromenic Acid	<LOQ	% (w/w)	Informative	Pass
	CBL	Cannabicyclol	<LOQ	% (w/w)	Informative	Pass
	CBLA	Cannabicyclolic Acid	<LOQ	% (w/w)	Informative	Pass
	CBE	Cannabielsoin	<LOQ	% (w/w)	Informative	Pass
	CBL	Cannabicyclol	<LOQ	% (w/w)	Informative	Pass
THC potency	Δ9-THC	Delta 9-Tetrahydrocannabinol	<LOQ	% (w/w)	Informative	Pass
	Δ8-THC	Delta 8-Tetrahydrocannabinol	<LOQ	% (w/w)	Informative	Pass
	THCA	Tetrahydrocannabinolic acid	<LOQ	% (w/w)	Informative	Pass
	THCV	Tetrahydrocannabivarin	<LOQ	% (w/w)	Informative	Pass
	THCVA	Tetrahydrocannabivarinic Acid	<LOQ	% (w/w)	Informative	Pass
Others	HHC-9R	9R-Hexahydrocannabinol	<LOQ	% (w/w)	Informative	Pass
	HHC-9S	9S-Hexahydrocannabinol	<LOQ	% (w/w)	Informative	Pass
	HHCP*	Hexahydrocannabiphorol*	<LOQ	% (w/w)	Informative	Pass
	H4CBD*	Tetrahydrocannabidiol*	<LOQ	% (w/w)	Informative	Pass

Remarks:

NA

Footnote:

*) Stereoisomers results on request. **) LOQ = not detectable. The measured value was below the limit of detection of 0.01 % (w/w) or 100 mg/kg.
The expected measurement uncertainty varies with substance and concentration and can be assumed to be a maximum of 10 %.
For the calculations of the equivalent sums, the respective acid forms were multiplied by the factor 0.877 or 0.878 to conclude the equivalent amount of the neutral form. Analytical methods: HPLC-DAD, GC-FID and GC mass spectrometry (European Pharmacopoeia: 2.2.28, 2.2.29 and 2.2.43).
This Certificate of Analysis may only be reproduced as a whole and not in parts. Any alteration is punishable under Section 225 of the Dutch Criminal Code (forgery)

Phyto Group International BV
Candropharm International
Bosscheweg 60A -Unit 6-
5735GW Aarle-Rixtel Netherlands
+31 492 472515 | lab@candropharm.com

Report date: 10-8-2025

Product name: Vital24 20% Oil
Manufacturing date: 1-8-2025
Date of receipt sample: 6-8-2027
Date of sampling: 10-8-2025
Starting date analysis: 10-8-2025
Contract testing by: Candropharm's in-house method

Method of testing: See result tables below
Sample identification number: 2891
Batch number: 2891
Sample material: Oil
Further information: NA

HEAVY METALS

ICP-MS (Inductively Coupled Plasma Mass Spectrometry)

Element	Result	Action Level	LOD	LOQ	Units	Result
Lead (Pb)	<LOQ	3 mg/kg	0.01	0.08	mg/kg	Pass
Mercury (Hg)	<LOQ	0.1 mg/kg	0.01	0.04	mg/kg	Pass
Cadmium (Cd)	<LOQ	1 mg/kg	0.02	0.08	mg/kg	Pass
Arsenic (As)	<LOQ	0.375 mg/kg	0.03	0.08	mg/kg	Pass

Remarks:

NA

MICRO BIOLOGY

Element	Result	Unit	Specification	Testing Method
TAMC	< 10 _i	cfu/gram	Informative	SO 4833-1 (general colony count at 30 °C) / Ph. Eur. 2.6.12
TYMC	< 10 _i	cfu/gram	Informative	ISO 21527-1 / Ph. Eur. 2.6.12
E. coli	Absent	cfu/gram	Absent gram	ISO 16649-2 (β-glucuronidase positive E. coli)
S. aureus	Absent	cfu/gram	Absent gram	ISO 6888-1
p. aeruginosa	Absent	cfu/gram	Absent gram	ISO 22717
Salmonella spp	Absent	cfu/gram	Absent gram	ISO 6579-1

Remarks:

NA

RESIDUAL SOLVENTS

HS GC

Element	Result	Unit	Specification	Result
Ethanol	< 25	mg/kg	Informative	Pass
2-Propanol	< 10	mg/kg	Informative	Pass
Acetone	<100	mg/kg	Informative	Pass
n-Heptane	< 1	mg/kg	Informative	Pass
n-Hexane	< 1	mg/kg	Informative	Pass
n-Pentane	<100	mg/kg	Informative	Pass

Remarks:

NA

Phyto Group International BV
Candropharm International
Bosscheweg 60A -Unit 6-
5735GW Aarle-Rixtel Netherlands
+31 492 472515 | lab@candropharm.com

Report date: 10-8-2025

Product name:	Vital24 20% Oil	Method of testing:	See result tables below
Manufacturing date:	1-8-2025	Sample identification number:	2891
Date of receipt sample:	6-8-2027	Batch number:	2891
Date of sampling:	10-8-2025	Sample material:	Oil
Starting date analysis:	10-8-2025	Further information:	NA
Contract testing by:	Candropharm's in-house method		

PESTICIDES		ANALYTICAL METHOD:		GC/MS	LC/MS
Analytical method	Component	Concentration	Unit	Spec.	Result
GC-MS/MS Multiresidue method for pesticides screen	No pesticide detected above the reporting limit ₂	-----		mg/kg	Pass
LC-MS/MS Multiresidue method for pesticides screen	No pesticide detected above the reporting limits	-----		mg/kg	Pass

Remarks:

*See Candropharm pesticides analysis package (can be obtained by sending us an email):
Please note: The analysis is not executed under GMP. The LOQ is 7.5 times higher than mentioned in the package due to the applied matrix.
2 Following pesticides could not be analyzed: Azinphos-ethyl, Fenpropathrin, Iprodione, Lethophos, Nitrin, Tetradifon, Allethrin, Pyraclofos, Methoxychlor-p'p, Piperonyl- butoxide, Tetramethrin.
3 Following pesticide could not be analyzed: Trictonazole.

AFLATOXINS		ANALYTICAL METHOD:		LC/MS
Compound	Results	Unit	Result	
Remarks:				
B ₁	< 2.0	ug/kg	Pass	
B ₂	< 0.5	ug/kg	Pass	
G ₁	< 1.0	ug/kg	Pass	
G ₂	< 0.5	ug/kg	Pass	
Sum B ₁ , B ₂ , G ₁ and G ₂	< 4.0	ug/kg	Pass	

Remarks:

NA

Aarle-Rixtel 10-8-2025

Mw. W. Meulendijks

The information described above is offered solely for your consideration, investigation, and independent verification. It is up to you, the customer, to decide whether and how to use this information.
Candropharm or any of its affiliates (the Company) makes no representations or warranties about the accuracy or completeness of the information contained above or the suitability of any of the Company's products for your specific intended use or any use whatsoever. Furthermore, all express or implied warranties of noninfringement, merchantability, or fitness for a particular purpose are hereby and completely disclaimed.
The Company expressly disclaims any responsibility whatsoever for any alleged liability or damage(s) arising out of customer's use of any of the Company's product relating to any of the foregoing.