

Fagron Services B.V.
Molenwerf 13
Uitgeest, 1911 DB
NL

Client Account Number: A00497292BNI
Eurofins Quote Number: IOQ6PH19016882

General Method Reference: IM-0015 and Residual Solvents 2.4.24

Eurofins Sample Number JJ22AA0887-1	
Original Received Date:	16-Feb-2022
Description:	Cannabidiolum; 521423
Lot Number:	22A25-F01
Containers Submitted:	1 Container
Client Sample ID:	M001

Eurofins Sample Number JJ22AA0887-2	
Original Received Date:	16-Feb-2022
Description:	Cannabidiolum; 521423
Lot Number:	22A25-F01
Containers Submitted:	1 Container
Client Sample ID:	M002


Eurofins Sample Number JJ22AA0887-3	
Original Received Date:	16-Feb-2022
Description:	Cannabidiolum; 521423
Lot Number:	22A25-F01
Containers Submitted:	1 Container
Client Sample ID:	Pool sample from M001 and M002

Analysis/Sample	Specification	Result	Unit
Appearance			
JJ22AA0887-1	White to off white or slightly yellow powder	Meets requirements - Off white powder	----
JJ22AA0887-2	White to off white or slightly yellow powder	Meets requirements - Off white powder	----
Method: Current Ph Eur for JJ22AA0887-1 through JJ22AA0887-2			
Analysis Date 09-Mar-2022 to 09-Mar-2022 for JJ22AA0887-1 through JJ22AA0887-2			



Analysis/Sample	Specification	Result	Unit
Identification			
JJ22AA0887-1	The transmission minima (absorption maxima) in the spectrum obtained with the substance to be examined correspond in position and relative size to those of the reference.	Meets Requirements	----
JJ22AA0887-2	The transmission minima (absorption maxima) in the spectrum obtained with the substance to be examined correspond in position and relative size to those of the reference.	Meets Requirements	----
Method: Current Ph Eur (2.2.24) for JJ22AA0887-1 through JJ22AA0887-2 Analysis Date 09-Mar-2022 to 09-Mar-2022 for JJ22AA0887-1 through JJ22AA0887-2			
Specific optical rotation			
JJ22AA0887-3	-135.0 to -129.5	-129.7	°
Method: Current Ph Eur (2.2.7) for JJ22AA0887-3 Analysis Date 09-Mar-2022 to 09-Mar-2022 for JJ22AA0887-3			
Assay Cannabidiol & related substances			
JJ22AA0887-3			
Related substances	----	----	----
CBDV	≤ 0.5	0.1	%
CBD-C4	≤ 0.5	0.2	%
Delta 8-THC	For information	< 0.005	%
Delta 9-THC	For information	< 0.005	%
Sum D8-THC and D9-THC	For information	< 0.005	%
Each unknown impurity	≤ 0.10	0.02	%
Total impurities	≤ 1.0	0.4	%
Assay Cannabidiol	----	----	----
Assay	98.0 - 102.0	100.1	% (m/m)
Method: ATM-010 Assay and related impurities test CBD and THC API for JJ22AA0887-3 Analysis Date 18-Mar-2022 to 22-Mar-2022 for JJ22AA0887-3			
Melting point			
JJ22AA0887-3	65 - 69	67	°C
Method: Ph. Eur. 2.2.14 for JJ22AA0887-3 Analysis Date 07-Mar-2022 to 08-Mar-2022 for JJ22AA0887-3			

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Analysis/Sample	Specification	Result	Unit
Water			
JJ22AA0887-3	≤ 1.0	0.0	%
Method: Current Ph Eur (2.5.12) for JJ22AA0887-3			
Analysis Date 07-Mar-2022 to 07-Mar-2022 for JJ22AA0887-3			
Sulfated ash			
JJ22AA0887-3	≤ 0.1	0.0	%
Method: Current Ph Eur (2.4.14) for JJ22AA0887-3			
Analysis Date 07-Mar-2022 to 08-Mar-2022 for JJ22AA0887-3			
Ph Eur Residual Solvents			
JJ22AA0887-3			
Heptane	≤ 5000	433	ppm
2-Propanol	≤ 5000	Not detected	ppm
Ethanol	≤ 5000	2	ppm
Method: Current Ph Eur (2.4.24) for JJ22AA0887-3			
Analysis Date 01-Mar-2022 to 13-Apr-2022 for JJ22AA0887-3			
Sample Compliance Assessment			
Samples JJ22AA0887-1 through JJ22AA0887-3 meet the requirement(s) for all listed test(s) where specifications were applied.			

Contracted Company: Eurofins PROXY Laboratories

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Questions about this report should be directed to your project manager or the general email listed above.



Reviewed and electronically signed for Quality Assurance Approval by
Julia Melnikova, Analytical Review Officer
for Eurofins PROXY Laboratories B.V., on 19-Apr-2022 10:37:54 UTC+02:00