

 Analyses for industry and science	Al. Zwycięstwa 96/98; 81-451 Gdynia office@spark-lab.pl www.spark-lab.pl ; +48 782 811 350 NIP: 586 228 03 65	Report number: 2021/07/0030/002/EN	  AB 1758
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ANALYSIS REPORT

Particulars of the Client	Description	Order number
Meet Harmony Spain S.L. Via Augusta 29 08006 Barcelona	Quantitative determination of CBD, CBDA, CBG, CBGA, CBDV, CBDVA, CBN, THCA, Δ9-THC, Δ8-THC, THCV, THCVA, CBC and CBCA in e-liquid.	ZO 2021/07/000023

The analyses have been conducted by:
 Laboratorium Analiz Chemicznych Spark-Lab Sp. z o.o.
 Research and Development Dept.

Date of commencement of analyses	06.08.2021
Date of completion of the analyses	09.08.2021

Sample identification:

Sample signature	Sample designation	Sample collection method	Additional information	
2021/07/0030/002	Pineapple Express 600mg May 2021	Sample collected and delivered by the client.	Date of delivery:	30.07.2021
			Object of analysis:	yellow e-liquid
			Sample evaluation:	good

Results:

Sample signature	Subject of determination	Method identification*	The result of the analysis	Uncertainty	Unit
2021/07/0030/002	CBD	SL/2019/036, ed. 2 of 14.08.2020, A	5,5	0,5	%
	CBDA		< 0,25	-	
	CBDV		0,021	0,005	
	CBDVA		< 0,005	-	
	CBG		< 0,004	-	
	CBGA		< 0,005	-	
	THCV		< 0,004	-	
	CBN		< 0,013	-	
	Δ8-THC		< 0,005	-	
	Δ9-THC		< 0,005	-	
	THCA		< 0,005	-	
	ΣCBD		5,5	0,5	
	ΣTHC		< 0,005	-	
	ΣCBG		< 0,005	-	
	THCVA		modified, SL/2019/036, ed. 2 of 14.08.2020, NA	not analysed	
	CBC	< 0,005	-		
CBCA	< 0,005	-			

*Determination method: A-accredited, NA-non-accredited, AS-by accredited subcontractor, NAS-not accredited by the subcontractor.

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Supplements, method deviations:

- 1) Method SL/2019/036 ed. 2 of 14.08.2020 was expanded with extra analytes: CBC and CBCA.
- 2) Due to high CBD content THCVA was not analysed.

Abbreviations and applied formulas for the calculation of the sum:

CBD – Cannabidiol	CBDA – Cannabidiolic acid
CBG – Cannabigerol	CBGA – Cannabigerolic acid
CBDV – Cannabidivarin	CBDVA – Cannabidivarinic acid
CBN – Cannabinol	THCA – Tetrahydrocannabinolic acid
$\Delta 8$ -THC – Delta-8-tetrahydrocannabinol	$\Delta 9$ -THC – Delta-9-tetrahydrocannabinol
THCV – Tetrahydrocannabivarin	THCVA – Tetrahydrocannabivarin acid
CBC - Cannabichromene	CBCA – Cannabichromenic acid

$$\Sigma \text{THC} = \% \text{THC} + (\% \text{THCA} \times 0,877)$$

$$\Sigma \text{CBD} = \% \text{CBD} + (\% \text{CBDA} \times 0,877)$$

$$\Sigma \text{CBG} = \% \text{CBG} + (\% \text{CBGA} \times 0,878)$$

Approved of the results and report		
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END OF REPORT

The laboratory gives measurement uncertainty when it is relevant to the validity of the analyses result or for compliance with the specified limit values and at the Client's request. The report may not be published, in whole or in part, without the written consent of Laboratorium Analiz Chemicznych Spark-Lab Sp. z o.o. The report may not be reproduced or distributed, in part, without the prior written permission of the Laboratorium Analiz Chemicznych Spark-Lab Sp. z o.o. The obtained result applies only to the tested (collected and delivered by the client) samples. The laboratory is not responsible for the collection and transport of the sample if the sample has been collected and provided by the Client. The tests results do not include the sampling stage.