

# CERTIFICATE OF ANALYSIS

01.12.2021

**Client:** Puna Warenhandels GmbH  
 Wolfgang Jr Winkler  
 Am Wiesengrund 1  
 3452 Michelndorf  
 Österreich

<b>Name of sample:</b>	Alpenkraut 20%	<b>Order number:</b>	H_000378
<b>Sample number:</b>	H-0000000409-000105	<b>Date of order:</b>	25.11.2021
<b>Type of sample:</b>	Oil	<b>Sample receipt:</b>	25.11.2021
<b>Batch number:</b>	CH: 1720	<b>Start of analysis:</b>	25.11.2021
<b>Sampling date:</b>	22.11.2021 (performed by customer)	<b>End of analysis:</b>	27.11.2021
<b>Comments:</b>	Auftraggeberin: Alpenkraut, am Wiesengrund 1, 3452 Michelndorf	<b>Attachments:</b>	none

TEST	METHOD	RESULT
Cannabinoid content		
$\Delta$ 8-tetrahydrocannabinol ( $\Delta$ 8-THC)	Ph.Eur. 2.2.29	0.063 %
$\Delta$ 9-tetrahydrocannabinol ( $\Delta$ 9-THC)	Ph.Eur. 2.2.29	0.075 %
Cannabichromene (CBC)	Ph.Eur. 2.2.29	0.375 %
Cannabidiol (CBD)	Ph.Eur. 2.2.29	18.375 %
Cannabidiolic acid (CBDA)	Ph.Eur. 2.2.29	0.708 %
Cannabidivarin (CBDV)	Ph.Eur. 2.2.29	1.797 %
Cannabigerol (CBG)	Ph.Eur. 2.2.29	0.244 %
Cannabigerol acid (CBGA)	Ph.Eur. 2.2.29	0.049 %
Cannabinol (CBN)	Ph.Eur. 2.2.29	0.128 %
Tetrahydrocannabinolic acid (THCA)	Ph.Eur. 2.2.29	0.005 %
Tetrahydrocannabivarin (THCV)	Ph.Eur. 2.2.29	0.289 %
<b>Total Cannabidiol (CBD)</b>	DAB 2018	18.996 %
<b>Total Tetrahydrocannabinol (THC)</b>	DAB 2018	0.079 %

DAB = German Pharmacopoeia, Ph. Eur. = European Pharmacopoeia



**Katrin Schnitzer, BSc MSc**  
 Laboratory Manager

General informations: The results are limited to the received sample taken by the customer. Duplication, in part, is not permitted without prior written approval of Hubertus Analytik GmbH. Total Tetrahydrocannabinol (THC) and Total Cannabidiol (CBD) are calculated with a conversion factor of 0.877. Before sample shipment the client declared that to the best of his knowledge and belief, the sample meets all legal standards. Possible deviations are the responsibility of the client.