



Utah Department of Agriculture and Food  
**Division of Laboratory Services**  
4451 South 2700 West  
Taylorsville, Utah 84129  
(801) 816-3840

## CERTIFICATE OF ANALYSIS

### Sample Information

<b>UDAF Lab #</b>	HP24170-21	<b>Issue Date:</b>	06/24/2024
<b>Client:</b>	Simple Inc	<b>Client Email:</b>	justin@simplevapesupply.com
<b>Producer:</b>	Simple Inc	<b>Sample Type:</b>	Vape Cartridge
<b>Description:</b>	Purlyf CBD Chill 2G Cart		
<b>Batch/Lot Number:</b>	n/a	<b>Date Received:</b>	06/18/2024
<b>Date Collected:</b>		<b>Collected By:</b>	Self-Submitted

Notes:



### Testing Summary

<b>Analysis:</b>	<b>Testing Date:</b>	<b>Status:</b>	<b>Notes:</b>
Cannabinoids	06/21/2024	--	

Approved By:

Brandon Forsyth, Ph.D  
State Chemist

Date: 06/24/2024

The results reported herein pertain only to the indicated sample and may not be used as an endorsement of a product. The results are given under applicable provisions of the Utah Code and represent a true statement of the outcomes of the analyses conducted on the sample received by the laboratory. This report may not be reproduced, except in its entirety. © 2024 All Rights Reserved.



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## CERTIFICATE OF ANALYSIS

### Cannabinoid Analysis

**Status:** --

<b>Sample ID:</b>	HP24170-21	<b>Description:</b>	Purlyf CBD Chill 2G Cart
<b>Testing Date:</b>	06/21/2024	<b>Reviewed By:</b>	Ries Trenary

*Method: ACL.AM.003 Analysis performed using High-Performance Liquid Chromatography (HPLC-DAD)*

Analyte	Abbreviation	CAS Number	% (w/w)	mg/g
Δ9-Tetrahydrocannabinidiol	Δ9-THC	1972-08-03	0.19%	1.9
Δ8-Tetrahydrocannabinidiol	Δ8-THC	5957-75-5	0.80%	8
Δ9-Tetrahydrocannabinolic acid	THCA	23978-85-0	ND	ND
Δ9-Tetrahydrocannabivarin	THCV	31262-37-0	ND	ND
Cannabidiol	CBD	13956-29-1	34.53%	345.3
Cannabidiolic acid	CBDA	1244-58-2	ND	ND
Cannabidivarin	CBDV	24274-48-4	0.78%	7.8
Cannabinol	CBN	521-35-7	2.17%	21.7
Cannabigerol	CBG	25654-31-3	0.70%	7
Cannabichromene	CBC	20675-51-8	4.01%	40.1
Cannabigerolic acid	CBGA	25555-57-1	<LOQ	<LOQ
Cannabichromenic acid	CBCA	20408-52-0	ND	ND
Cannabicitran	CBTC	31508-71-1	3.42%	34.2
9(R+S)-Δ6a,10a-Tetrahydrocannabinidiol	Δ3-THC	95720-01-07, 95720-02-8	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinidiol	(6aR,9R)-Δ10-THC	95543-62-7	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinidiol	(6aR,9S)-Δ10-THC	95588-87-7	ND	ND
<b>Total Cannabinoids</b>			46.60%	466.00
Total THC			0.19%	1.9
Total CBD			34.53%	345.30
Total THC Analogs			4.41%	44.1

**Unknown Cannabinoid Peak Area:** 5.6%

**Mass Per Piece:** --

**Status:** --

Notes:

Total Cannabinoids is calculated as the direct sum of each of the cannabinoid values.  
Total THC is calculated as Δ9-THC + (THCA x 0.877) | Total CBD is calculated as CBD + (CBDA x 0.877).  
Total THC Analogs is calculated as Δ9-THC + (THCA x 0.877) + Δ8-THC + CBTC.  
ND = Not Detected, NQ = Not Quantifiable, NT = Not Tested, <LOQ = Below the limit of quantification

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