

Comprehensive Analysis Report

Sample Overview

Client: Appalachian Cannabis Company

None

Sample Name: CBD Oil

Sample Matrix: Tincture

Sample Lot: 10570C

Date Received: 10/09/2024

APRC #: SAW241010C

Assay	Disposition	Date Tested
Hemp or R&D Cannabinoid Testing (Potency)	Tested	10-10-2024



AROMATIC PLANT RESEARCH CENTER

HPLC Analysis Report

Potency

Method: SOP 1-2026.03

Sample Name: CBD Oil

APRC Lot Number: SAW241010C

Cannabinoid	RT	Total %	Total mg/g
Cannabidivarinic Acid (CBDVA)	ND	ND	ND
Cannabidivarin (CBDV)	2.29	0.10	1.04
Cannabidiolic Acid (CBDA)	ND	ND	ND
Cannabigerolic Acid (CBGA)	ND	ND	ND
Cannabinol (CBN)	ND	ND	ND
Cannabidiol (CBD)	3.32	17.68	176.75
Cannabigerol (CBG)	ND	ND	ND
Tetrahydrocannabivarin (THCV)	ND	ND	ND
Tetrahydrocannabivarin Acid (THCVA)	ND	ND	ND
Delta-9-Tetrahydrocannabinol (Δ 9-THC)	ND	ND	ND
Delta-8-Tetrahydrocannabinol (Δ 8-THC)	ND	ND	ND
Tetrahydrocannabinolic acid (THCA-A)	ND	ND	ND
Cannabichromene (CBC)	ND	ND	ND
Cannabichromene Acid (CBCA)	ND	ND	ND
Δ 10 and Δ 6a,10a-Tetrahydrocannabinol, mixed isomers	ND	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabidiol	NT	0.00	NT
(6aR,9S)- Δ 10-Tetrahydrocannabidiol	NT	0.00	NT
9(R+S)- Δ 6a,10a-Tetrahydrocannabidiol	NT	0.00	NT
Cannabicitran (CBTC)	ND	ND	ND

Performed by: Tessa Crook

Reviewed by: Riley Hunter

	%	mg/g
Total Cannabinoids	17.78	177.79
Total THC ^t	ND	ND
Total CBD ^s	17.68	176.75

^tTotal Thc is calculated by Δ 9-THC + (THCA-A*0.877)

^sTotal CBD is calculated by CBD + (CBDA*0.877)

Approved By:

Preliminary report issued at the request of the client. Final report to be issued at a later date.
 10/11/2024