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CERTIFICATE OF ANALYSIS

Prepared for:
GLACIERPAK LLC
240 Goose Hollow Road
Berthoud, CO US 80513

Glacier Pure CBD Tincture FS1200mg w Minor Profile

Batch ID or Lot Number: **BR-112-T30-1200-240109-08 Lot # 24-0102, 24-0105**	Test: **Potency**	Reported: **28Feb2024**	USDA License: N/A
Matrix: Unit	Test ID: T000272232	Started: 23Feb2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 23Feb2024	Status: N/A

Cannabinoids

	LOD (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	1.440	4.780	60.180	2.10	# of Servings = 1, Sample Weight=29.25g
Cannabichromenic Acid (CBCA)	1.317	4.372	ND	ND	
Cannabidiol (CBD)	6.431	14.690	1253.160	42.80	
Cannabidiolic Acid (CBDA)	6.596	15.067	ND	ND	
Cannabidivarin (CBDV)	1.521	3.474	5.090	0.20	
Cannabidivarinic Acid (CBDVA)	2.751	6.285	ND	ND	
Cannabigerol (CBG)	0.818	2.714	69.640	2.40	
Cannabigerolic Acid (CBGA)	3.418	11.344	ND	ND	
Cannabinol (CBN)	1.067	3.540	48.390	1.70	
Cannabinolic Acid (CBNA)	2.332	7.740	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	4.073	13.515	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	3.699	12.274	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	3.277	10.875	ND	ND	
Tetrahydrocannabivarin (THCV)	0.744	2.468	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	2.891	9.592	ND	ND	
Total Cannabinoids			**1436.460**	**49.20**	
Total Potential THC			0.000	0.00	
Total Potential CBD			1253.160	42.80	

Final Approval

Karen Winternheimer
28Feb2024
09:15:00 AM MST
PREPARED BY / DATE

Sam Smith
28Feb2024
09:19:00 AM MST
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/b5e503ec-3f48-411d-8ab5-8f5302f85458

Definitions
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

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