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Official Compliance: Colorado

CERTIFICATE OF ANALYSIS

Prepared for:
Arcanum
492 S Suite B Colorado Blvd
Glendale, CO USA 80246

091923-Quill 100mg-C0504

Batch ID or Lot Number:	Test:	Reported:	USDA License:
0923Q	**Potency**	**26Sep2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000256788	25Sep2023	N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 20Sep2023	Status: Active

Cannabinoids

	LOD (%)	**LOQ** (%)	**Result** (%)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.008	0.026	0.028	0.28	
Cannabichromenic Acid (CBCA)	0.007	0.024	ND	ND	
Cannabidiol (CBD)	0.026	0.068	1.328	13.28	
Cannabidiolic Acid (CBDA)	0.027	0.070	ND	ND	
Cannabidivarin (CBDV)	0.006	0.016	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.011	0.029	ND	ND	
Cannabigerol (CBG)	0.004	0.015	0.035	0.35	
Cannabigerolic Acid (CBGA)	0.018	0.062	ND	ND	
Cannabinol (CBN)	0.006	0.019	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.013	0.042	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.022	0.074	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.020	0.067	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.018	0.059	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.013	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.016	0.052	ND	ND	
Total Cannabinoids			**1.391**	**13.91**	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			1.328	13.28	

Final Approval

Karen Winternheimer
26Sep2023
12:59:00 PM MDT
PREPARED BY / DATE

Sam Smith
26Sep2023
01:00:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/863a4436-da9a-4b87-95ce-4222b03c06dd

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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