

# CERTIFICATE OF ANALYSIS

Prepared for:

**Arcanum**

492 S Suite B Colorado Blvd  
Glendale, CO USA 80246

## 030123-Quill 100mg-HDE22083C

Batch ID or Lot Number: <b>0323Q100</b>	Test: <b>Potency</b>	Reported: <b>09Mar2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000237349	Started: 08Mar2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis	Received: 03Mar2023	Status: Active

### Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.022	0.036	0.36	
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND	
Cannabidiol (CBD)	0.021	0.061	1.699	16.99	
Cannabidiolic Acid (CBDA)	0.022	0.062	ND	ND	
Cannabidivarin (CBDV)	0.005	0.014	0.015	0.15	
Cannabidivarinic Acid (CBDVA)	0.009	0.026	ND	ND	
Cannabigerol (CBG)	0.004	0.012	0.067	0.67	
Cannabigerolic Acid (CBGA)	0.018	0.051	ND	ND	
Cannabinol (CBN)	0.005	0.016	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.012	0.035	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.021	0.061	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.019	0.055	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.017	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.015	0.043	ND	ND	
<b>Total Cannabinoids</b>			<b>1.817</b>	<b>18.17</b>	
Total Potential THC			<LOQ	<LOQ	
Total Potential CBD			1.699	16.99	

### Final Approval



Karen Winternheimer  
09Mar2023  
12:05:00 PM MST

PREPARED BY / DATE



Sam Smith  
09Mar2023  
12:07:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2ad4e191-7346-4106-bf41-a008bc61fe85>

#### 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)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



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