

NC Controlled Substance License #: NC-DHHS-1002881
 DEA Controlled Substance License #: RD0577986
 ISO 17025 Certification: PENDING
 Proficiency Testing Enrolled: Hemp PT Program U of Kentucky
 Regulatory Services


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ANALYTICAL
Delta 9 Analytical
 Professional, Accurate, Responsive

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 Raleigh NC 27617
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 michael@delta9analytical.com

Client Name: **Hempleton**
 Client Address: 8528 Market St.
 Wilmington, NC 28411
 Grower/Processor Lic#: **NC 14754**

Sample ID: **2831**
 Received Date: 06282021
 Reported Date: 06302021
 Test(s) Ordered: **C + T**

Sample Strain: **Kashmere Klouds**
 Sample Type: Flower
 Sample Matrix: **Hemp**; Cured
 Sample Size: 1.217g Test Size: 57.7mg

<p style="text-align: center;">CANNABINOID SUMMARY</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">TOTAL CANNABINOIDS: 8.996%</p> <p style="text-align: center;">TOTAL CBG: 7.801%</p> <p style="text-align: center;">TOTAL THC: 0.1196%</p> <p style="text-align: center;">Δ9-THC: <0.05%</p> </div>	<p style="text-align: center;">BATCH PHOTO</p> 	<p style="text-align: center;">TERPENE SUMMARY</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">TOTAL: 0.3447%</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">PRIMARY AROMAS Spicy, Woody, Sweet, Floral</p> </div>
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CANNABINOIDS (Liquid Chromatography Mass Spectrometry)

MOISTURE (loss on drying): 5.2696%

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.05	Cannabidolic Acid (CBDA)	ND	ND	0.05
Δ8-THC	ND	ND	0.05	Δ9-THC Acid (THCA)	0.1364	1.364	0.05
Cannabichromene (CBC)	ND	ND	0.05	THC-varian (THCV)	ND	ND	0.05
Cannabigerol (CBG)	0.2552	2.552	0.05	***Δ9-THC	<0.05	<0.5	0.05
Cannabidiol (CBD)	ND	ND	0.05	**TOTAL CANNABINOIDS	8.996	89.96	
Cannabigerolic Acid (CBGA)	8.604	86.04	0.05	*TOTAL THC	0.1196	1.196	
Cannabidivarin (CBDV)	ND	ND	0.05	*TOTAL CBG	7.801	78.01	

TERPENES (GC FID)

*Calculated as follows: Total CBD/G = CBD/GA% (0.877) + CBD/G%. Total THC = THCA% (0.877) + Δ9-THC %. **Total Cannabinoids is the absolute sum of all cannabinoids detected. ND = Not Detected

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
β-Caryophyllene	0.0896	0.8956	0.005	Eucalyptol	ND	ND	0.005
β-Myrcene	0.0694	0.6942	0.005	Camphene	ND	ND	0.005
α-Bisabolol	0.0469	0.4695	0.005	Isopulegol	ND	ND	0.005
trans-Nerolidol 2	0.0329	0.3294	0.005	Geraniol	ND	ND	0.005
α-Humulene	0.0325	0.3247	0.005	Terpinolene	ND	ND	0.005
δ-Limonene	0.0237	0.2372	0.005	γ-Terpinene	ND	ND	0.005
Guaiol	0.0199	0.1988	0.005	β-Ocimene 2	ND	ND	0.005
cis-Nerolidol 1	0.0161	0.1611	0.005	p-Cymene	ND	ND	0.005
Caryophyllene Oxide	0.0137	0.1369	0.005	α-Ocimene 1	ND	ND	0.005
α-Pinene	<0.005	<0.05	0.005	3-Carene	ND	ND	0.005
Linalool	<0.005	<0.05	0.005	α-Terpinene	ND	ND	0.005
β-Pinene	<0.005	<0.05	0.005				

SAMPLE CERTIFICATION

06302021



Frank P. Maurio COO/Michael R. Horton CSO & Date



Michael Horton Frank Maurio



Scan QR Code to verify COA at www.delta9analytical.com

Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. ***The uncertainty of measurement associated with the measurement result reported in this certificate is available from D9A upon request. This report may not be reproduced, except in full, without the written approval of D9A. **Tests Ordered:** C=Cannabinoids; PO=Potency; T=Terpenes; P=Pesticides; HM=Heavy Metals; MY=Mycotoxins; MC=Microbials; RS=Residual Solvents.