Certificate of Analysis

desert valley TESTING

MHF Group

6 Winners Circle
Arden, NC 28704
(646) 462-6502

Laboratory Number: 2004096-03

Batch #:
Sample Received: 4/9/2020; Report Created: 4/12/2020

Mr. Hemp Flower - Strain (Purple Gas)
Flower

Sample Image

2004096-03
4/9/20

Cannabinoid (HPLC) Analyzed: 04/10/20 By: JVR

Compound	LOQ %	%	mg/g
THC-A	0.02	0.62	6.2
delta 9-THC	0.02	0.05	0.5
delta 8-THC	0.02	ND	ND
THC-V	0.02	ND	ND
CBG-A	0.02	ND	ND
CBD-A	0.09	16.40	164
CBD	0.02	0.41	4.1
CBD-V	0.02	ND	ND
CBN	0.02	ND	ND
CBG	0.02	0.11	1.1
CBC	0.02	ND	ND

0.59 % 5.87 mg/g **Total THC**	14.81 % 148.13 mg/g **Total CBD**	17.60 % 176.00 mg/g **Total Cannabinoids**

Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

1 : 25.36 **CBD to THC Ratio**	Not Tested **Water Activity**	Not Tested **Moisture**

Terpenes (GCMS-MS) Analyzed: 04/12/20 By: EGP

Compound	%	mg/g
alpha-Bisabolol	0.07	0.7
(-)-Borneol and (+)-Borneol	ND	ND
Camphene	ND	ND
Camphor	ND	ND
beta-Caryophyllene	ND	ND
trans-Caryophyllene	0.09	0.9
Caryophyllene Oxide	0.06	0.6
alpha-Cedrene	0.03	0.3
Cedrol	ND	ND
Endo-fenchyl Alcohol	ND	ND
Eucalyptol	ND	ND
Fenchone	ND	ND
Geraniol	ND	ND
Geranyl acetate	ND	ND
Guaiol	ND	ND
Hexahydrothymol	ND	ND
alpha-Humulene	0.07	0.7
Isoborneol	ND	ND
Isopulegol	ND	ND
Limonene	ND	ND
Linalool	ND	ND
p-Mentha-1,5-diene	ND	ND
beta-Myrcene	0.12	1.2
trans-Nerolidol	ND	ND
Ocimene Isomer 1	ND	ND
alpha-Pinene	0.07	0.7
beta-Pinene	0.03	0.3
Pulegone	ND	ND
Sabinene	ND	ND
Sabinene Hydrate	ND	ND
gamma-Terpinene	ND	ND
alpha-Terpinene	ND	ND
alpha-Terpineol	0.03	0.3
3-Carene	ND	ND
Ocimene Isomer 2	0.02	0.2
gamma-Terpineol	ND	ND
Terpinolene	ND	ND
Valencene	ND	ND
Nerol	ND	ND
cis-Nerolidol	ND	ND
Total Terpenes	0.61	6.09

Safety

Not Tested **Pesticides**	Not Tested **Microbials**	Not Tested **Residual Solvents**	Not Tested **Metals**

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Augustus Olthafer
Chemist

ANAB
ACCREDITED
ISO/IEC 17025
TESTING LABORATORY