

Order #: CYP201001-060011      Order Date: 2020-10-01      Collection Date: 2020-10-05      Report Date: 2020-10-12

Batch #: 052  
 Sample #: AAAQ291  
 Specimen Type: CBD/HEMP Flower & Plants (External Use)  
 Extracted From: Hemp  
 Description: Sour Diesel

Initial Gross Weight: 87.552 g  
 Specimen Weight: 200.56 mg  
 Method: SOP-3



Potency Tested      Terpenes Tested



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

<b>Total CBD</b> 12.347%	<b>Total THC</b> 0.490%	<b>Total CBG</b> 0.238%
<b>Total CBN</b> Not Detected	<b>Other Cannabinoids</b> 0.231%	<b>Total Cannabinoids</b> 13.307%

**Potency - 11 (Tested)**

(HPLC/LCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	1.620	0.162	0.001	CBD	18.760	1.876	0.001	CBDA	119.400	11.940	0.001
CBDV	0.690	0.069	0.001	CBG	0.777	0.078	0.001	CBGA	1.829	0.183	0.001
CBN	<LOQ	0.001		Delta-8 THC	<LOQ	0.001		Delta-9 THC	2.103	0.210	0.001
THCA-A	3.192	0.319	0.001	THCV	<LOQ	0.001		<b>Total CBD</b>	123.474	12.347	0.001
<b>Total THC</b>	4.902	0.490	0.001								

\*Total CBD = CBD + (CBD-A \* 0.877), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation, , LOD = Limit of Detection

Xueli Gao      Lab Toxicologist  
 Ph.D., DABT

Aixia Sun      Lab Director/Principal Scientist  
 D.H.Sc., M.Sc., B.Sc., MT (AAB)

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## Terpenes - FL (Tested)

(GC/GCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
(+)-Cedrol	<LOQ		0.02	(R)-(+)-Limonene	0.750	0.075	0.02	3-Carene	<LOQ		0.02
Alpha-Bisabolol	<LOQ		0.02	alpha-Cedrene	<LOQ		0.02	alpha-Humulene	0.460	0.046	0.02
alpha-Phellandrene	<LOQ		0.02	Alpha-Pinene	<LOQ		0.02	Alpha-Terpinene	<LOQ		0.02
Borneol	<LOQ		0.04	Beta-Myrcene	<LOQ		0.02	Beta-Pinene	<LOQ		0.02
Caryophyllene oxide	<LOQ		0.02	Camphene	<LOQ		0.02	Camphors	<LOQ		0.04
Fenchyl Alcohol	<LOQ		0.02	cis-Nerolidol	<LOQ		0.02	Eucalyptol	<LOQ		0.02
Guaiol	<LOQ		0.02	Farnesene	<LOQ		0.02	Fenchone	<LOQ		0.02
Isopulegol	<LOQ		0.02	Gamma-Terpinene	<LOQ		0.02	Geraniol	<LOQ		0.02
Ocimene	<LOQ		0.014	Hexahydrothymol	<LOQ		0.02	Geranyl acetate	<LOQ		0.02
Sabinene Hydrate	<LOQ		0.02	Linalool	0.570	0.057	0.02	Isoborneol	<LOQ		0.02
trans-beta-Ocimene	<LOQ		0.006	Pulegone	<LOQ		0.02	Nerol	<LOQ		0.02
				Terpineol	<LOQ		0.02	Sabinene	<LOQ		0.02
				Trans-Caryophyllene	3.900	0.390	0.02	Terpinolene	<LOQ		0.02
								trans-Nerolidol	<LOQ		0.02
								Valencene	0.300	0.030	0.02

(mg/g) = Milligram per Gram, , LOQ = Limit of Quantitation

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