

Sample Name: Lava Flow 20mg  
 LIMS Sample ID: 181221L005  
 Batch #:  
 Sample Metric ID:  
 Sample Type: Infused, Other  
 Batch Count:  
 Sample Count:  
 Unit Volume: 1 Milliliters per Unit

Date Collected: 12/19/2018  
 Date Received: 12/21/2018  
 Tested for: USA VAPE LAB  
 License #:  
 Address:  
 Produced by:  
 License #:  
 Address:  
 Overall result for batch:

### Moisture Test Results

Moisture	%	Action Limit %
	NT	

### Water Activity Test Results

Water Activity	Aw	Action Limit Aw
	NT	

### Cannabinoid Test Results

12/22/2018

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/mL	LOD mg/mL	LOQ mg/mL
THC	ND	0.000034	0.001
THCa	ND	0.000066	0.001
CBD	21.978	0.000057	0.001
CBDa	ND	0.000038	0.001
CBN	ND	0.000029	0.001
CBDV	ND	0.000065	0.001
CBDVa	ND	0.00003	0.001
CBG	ND	0.000086	0.001
CBGa	ND	0.000072	0.001
THCV	ND	0.000035	0.001
Δ8 - THC	ND	0.000083	0.001
CBC	ND	0.000095	0.001

**Sum of Cannabinoids: 21.978 21.978 mg/Unit**  
 Total THC (Δ9THC+0.877\*THCa) ND ND  
 Total CBD (CBD+0.877\*CBDa) 21.978 21.978 mg/Unit

### Microbiological Test Results

PCR and fluorescence detection of microbiological impurities

	Action Limit
Shiga toxin-producing Escherichia coli	NT
Salmonella spp.	NT
Aspergillus fumigatus	NT
Aspergillus flavus	NT
Aspergillus niger	NT
Aspergillus terreus	NT

### Heavy Metal Test Results

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Cadmium	NT			
Lead	NT			
Arsenic	NT			
Mercury	NT			

### Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	µg/kg	Action Limit µg/kg	LOD µg/kg	LOQ µg/kg
Aflatoxin B1, B2, G1, G2	NT			
Ochratoxin A	NT			

### Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)


	mg/g	%	LOD mg/g	LOQ mg/g
Bisabolol	NT			
Pinene	NT			
3-Carene	NT			
Borneol	NT			
Caryophyllene	NT			
Geraniol	NT			
Humulene	NT			
Terpinolene	NT			
Valencene	NT			
Menthol	NT			
Nerolidol	NT			
Camphene	NT			
Eucalyptol	NT			
Cedrene	NT			
Camphor	NT			
(-)-Isopulegol	NT			
Sabinene	NT			
Terpinene	NT			
Terpinene	NT			
Linalool	NT			
Limonene	NT			
Myrcene	NT			
Fenchol	NT			
Phellandrene	NT			
Caryophyllene Oxide	NT			
Terpineol	NT			
Pinene	NT			
R-(+)-Pulegone	NT			
Geranyl Acetate	NT			
Citronellol	NT			
p-Cymene	NT			
Ocimene	NT			
Guaiol	NT			
Phytol	NT			
Isoborneol	NT			

Total Terpene Concentration: NT

### Sample Certification



Scan to verify at sclabs.com  
 Sample must be marked as public to be viewable

  
 Josh Wurzer, President  
 Date: 12/22/2018