

Hemp Industries

 Test ID: CO0121106
 Sample: HIE-10/1
 Type: Hemp Concentrates

 Received: 04/07/2015
 Approved: 04/20/2015
 Expires: 07/19/2015

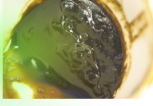
Heavy Metals Test Results

Test	Result	Limit
Arsenic	0.10 ppm	N/A
Cadmium	0.00 ppm	N/A
Lead	0.02 ppm	N/A
Mercury	0.00 ppm	N/A

Total concentrations for each element are reported in parts per million by weight (µg/g).

Visual Inspection

Inspection Comments: None


Lab Information

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Hemp Industries

 Test ID: CO0121105
 Sample: HIE-10/1
 Type: Hemp Concentrates

 Received: 04/07/2015
 Approved: 04/14/2015
 Expires: 06/13/2015

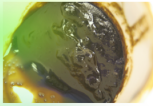
Microbials CO Test Results

Test	Result	Limit
E. Coli	0 cfu/g	0 cfu/g
Salmonella spp.	0 cfu/g	0 cfu/g
Aspergillus Fumigatus	0 cfu/g	0 cfu/g
Aspergillus Flavus	0 cfu/g	0 cfu/g
Aspergillus Niger	0 cfu/g	0 cfu/g

Microbiological testing is conducted following USP guidelines. Agar plates specific to the organism of interest are purchased from an ISO 13485 certified manufacturer. Testing done in compliance with CO state regulations that are effective September 24, 2014.

Visual Inspection

Inspection Comments: None


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Hemp Industries

 Test ID: CO0121107
 Sample: HIE-10/1
 Type: Hemp Concentrates

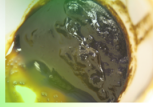
 Received: 04/07/2015
 Approved: 04/10/2015
 Expires: 06/09/2015

Pesticides CO Test Results

Test	Result	Limit
Detected	0.00 ppm	N/A

Visual Inspection

Inspection Comments: None


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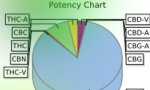
Hemp Industries

 Test ID: CO0121103
 Sample: HIE-10/1
 Type: Hemp Concentrates

 Received: 04/07/2015
 Approved: 04/09/2015
 Expires: 06/08/2015

Potency Test Results

Test	Weight %	Conc.	Limit
CBD-V	0.32 %	3.24 mg/g	N/A
CBD-A	0.04 %	0.37 mg/g	N/A
CBG-A	<0.001 %	<0.01 mg/g	N/A
CBG	<0.001 %	<0.01 mg/g	N/A
CBD	8.96 %	89.56 mg/g	N/A
THC-V	<0.001 %	<0.01 mg/g	N/A
CBN	0.08 %	0.82 mg/g	N/A
THC	0.93 %	9.29 mg/g	N/A
CBC	0.37 %	3.69 mg/g	N/A
THC-A	<0.001 %	<0.01 mg/g	N/A
Max THC	0.93 %	9.29 mg/g	N/A
Max CBD	8.99 %	89.88 mg/g	N/A
Total Active	10.66 %	106.60 mg/g	N/A
Total	10.70 %	106.97 mg/g	N/A

Potency Chart


Legend: CBD-V, CBD-A, CBG-A, CBG, CBD, THC-V, CBN, THC, CBC, THC-A

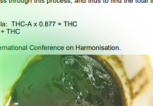
All cannabinoids in their acid forms (those ending in "-A") can be converted through their non-acid forms through a process called decarboxylation when the sample is heated. The molecules lose mass through this process, and thus to find the total theoretical active cannabinoids you must multiply the acid forms by 87.7%.

For example, THC-A can be converted to active THC using the formula: $THC-A \times 0.877 = THC$
 And so the Max THC for the sample is: $Max\ THC = (THC-A \times 0.877) + THC$

This method has been validated according to the principles of the International Conference on Harmonisation.

Visual Inspection

Inspection Comments: None


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