

Understanding Test Results

Making Sense of Marijuana Laboratory Test Reports

On November 1st, 2020, the Arizona Department of Health Services (AZDHS) began requiring testing of Marijuana flower, concentrates, and infused products (e.g., edibles, beverages, topicals). The testing program adopted and refined a set of industry-standard testing practices, testing laboratory certification, testing protocols, and safety standards for both Adult Use and Medical programs.

Marijuana product test results can be overwhelming in their detail and complexity. This brief guide is meant to assist our wholesale dispensary customers and their customers & patients in making sense of these reports.

AZDHS Testing Requirements

Per Arizona Senate Bill 1494 (SB-1494), the following five (5) types of analysis must be performed on all cannabis and cannabis infused products. These tests include:

- ① **Pesticides** - Chemical compounds sometimes used in the cultivation of Marijuana Flower. Generally expunged from the plant during the final stages of cultivation.
- ② **Residual Solvents** - Compounds, frequently a type of hydrocarbon such as highly-purified butane or propane, or CO₂, or other solvents used to strip the trichomes (and their cannabinoids) from the Flower material being processed. Residual solvent is generally removed through a heating/vacuum process.
- ③ **Heavy Metals** - Elements found in soil and other growth mediums that can inadvertently be taken up by the plant where it remains.
- ④ **Microbials** - Mold and bacteria or toxic compounds they create can be present on cannabis products. The significant presence of these compounds may imply poor sanitation and/or handling practices.
- ⑤ **Potency** - Defined as the amount of Total THC (THCa+THC), and Total CBD (CBDa+CBD) present in the product.

Safety limits for each of these areas are established and only products that **PASS** all tests are considered legal for sale in Arizona. Examples of annotated testing panels for each area are provided further in this document. For additional information including updated testing rules, certified laboratories, etc., please refer to azdhs.com/marijuana.

How Halo Infusions Tests Infused Products

Halo Infusions tests our Topical and Edible Products by first testing the *Marijuana Source Material* for ① pesticides, ② residual solvents, and ③ heavy metals. Performing these tests on the Flower or Extract-based Marijuana Source Materials used for infusions eliminates the need to perform these tests on the Final Product. Once a product has completed manufacturing (Final Product), testing for ④ Microbials, and ⑤ THC & CBD Potency are performed.*

* This results in two (2) or more COAs being supplied with each product batch that Halo Infusions produces. This approach is fully compliant with R9-17-317.01 Analysis of Medical Marijuana or a Marijuana Product and R9-18-311 Analysis of Marijuana or a Marijuana Product. Figure 2, below illustrates the testing workflow approved by AZDHS.

Testing Summary Page

To simplify intake processing of Halo Infusions' products by our wholesale Dispensary customers, Halo Infusions provides a **Summary Cover Sheet** with all product batches at delivery. The delivery form includes all testing categories and their test status.

This presence of this form represents that Halo Infusions warrants this product batch to fully conform to all AZ Marijuana Testing Requirements and is therefore suitable for sale.

Wholesale Dispensary staff and Patients/Adult Use Customers may also enter the product's Batch Number directly into our testing database at haloinfusions.com/testing, to obtain complete testing reports at Point of Sale (POS) stations, or from any Internet-connected device.

Halo Infusions & Extractions	
Result Summary for 062222IRVC	
Batch:	062222IRVC
Disposition Date:	2022-07-04
Source Extract Batch ID:	I-11/21
Potency:	Pass
Salmonella:	Pass
Ecoli:	Pass
Mycotoxin:	Pass
Aspergillus:	NA
Pesticides:	Pass
Heavy Metals:	Pass
Residual Solvents:	Pass
Herbicides:	NA
For more full test results visits: https://haloinfusions.com/testing/	

Figure 1. Testing Summary Cover Sheet

Testing Flow

Figure 2 below illustrates the testing process for Marijuana and Marijuana-infused products. The top-most row shows Flower products, while the second row shows Concentrates & Cartridges. The final two rows (Row 3 and 4) show the testing workflow for infused products (using either Extract or Flower).

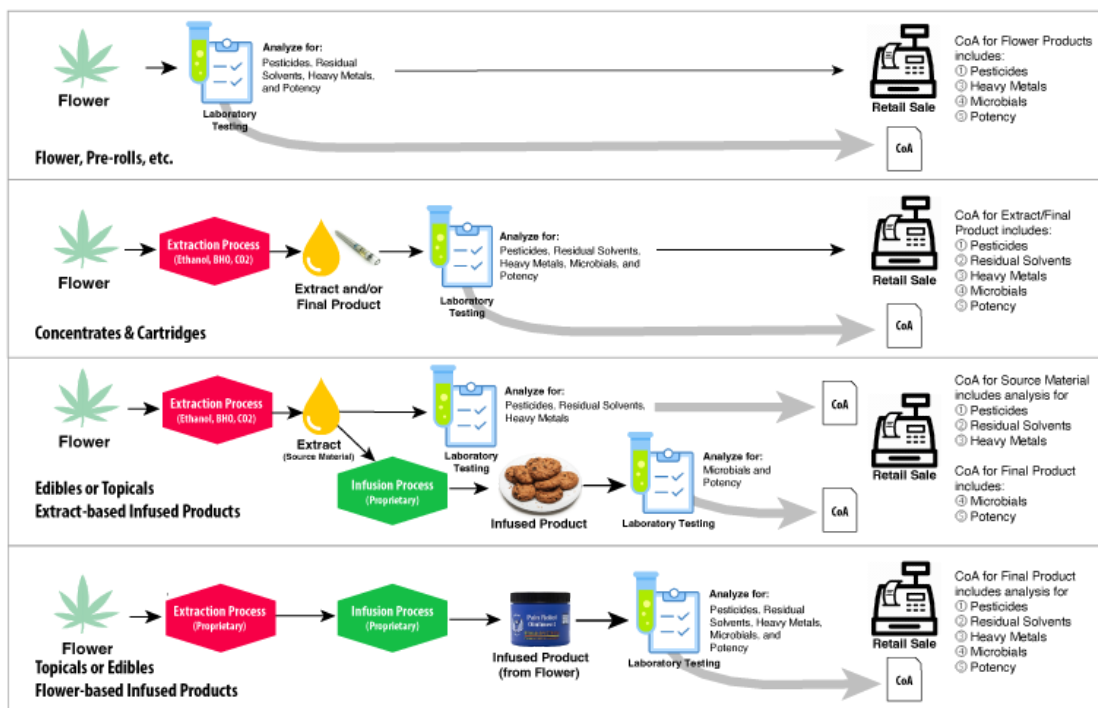


Figure 2. Testing Flow for Marijuana and Marijuana-Infused Products

How to Read Test Results

Test results are typically two or more pages in length and include panels which provide both summary and detailed information. Common terminology includes:

Crude -	Raw, or unrefined, as in unwinterized Crude Cannabis (Marijuana) Oil.
Total THC -	Calculated total amount of THC present ($\text{THCa} \times .877 + \Delta 9 \text{ THC}$) ⁺
Total CBD -	Calculated total amount of CBD present ($\text{CBDa} \times .877 + \Delta 9 \text{ THC}$) ⁺
Total Cannabinoids -	Total percentage presence of all cannabinoids tested.
LOQ -	<i>Limit of Quantitation.</i> Defines the limit to which the equipment can detect a compound's presence.
<LOQ -	Indicates the compound was detected but the amount is too small to characterize.
ND -	<i>None Detected.</i> The compound was not found in testing.
NR -	<i>Not Reported.</i> The compound was not found in testing.
Analyte -	A substance whose chemical constituents are being identified and measured.
Batch # -	The principal identifier for the product tested. The <i>Batch #</i> allows for seed-to-sale tracking of the Marijuana product tested.
PPM -	<i>Parts per Million.</i> Defines the concentration of the compound tested per a unit volume. PPM is typically used as a measure of the presence of an undesirable substance and the limits at which it becomes toxic.
mg/g -	Milligrams <i>per gram</i> . Typically references the amount of a compound (in milligrams) detected per gram of sample.
mg/unit -	Milligrams <i>per unit</i> . Same as above, but calculated as total in product package.
Resin -	A concentrated form of the active ingredients in Marijuana, especially cannabinoids & terpenes. Unusually produced through an extraction process that includes one or more of pressure, heat, and/or solvents.
Pathogen -	A (potentially) infectious organism that causes disease.

Source Material Test Panels

Source Material Testing: Pesticides, Solvents, Heavy Metals

As stated previously, Infused products like edibles, beverages, tinctures and topicals may all have their initial Marijuana Source Material tested for Pesticides, Residual Solvents, and Heavy Metals.

Final Products then only require testing of Microbials and Potency. Figure 3 below illustrates the testing panels for Source Material used for infusion in manufacturing edible products.

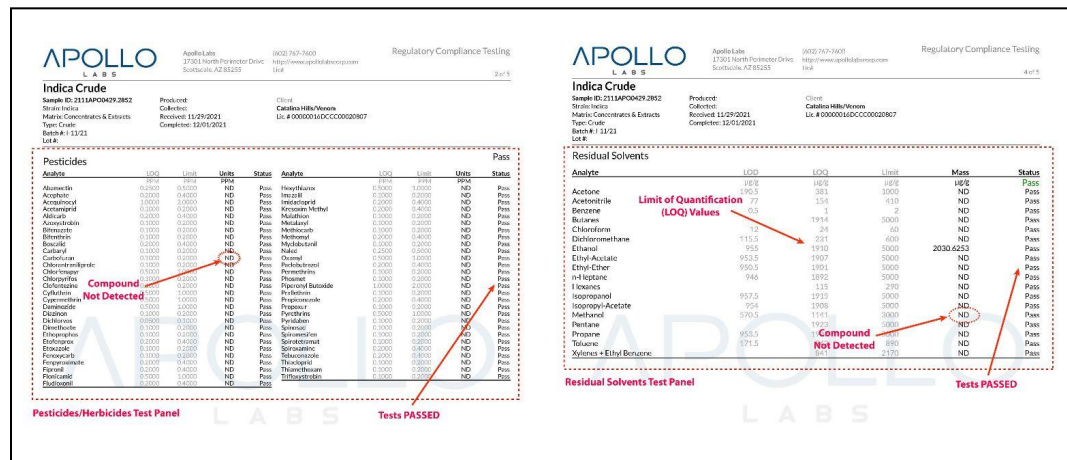


Figure 3. Pesticides ① and Residual Solvent ② Test Panels for Source Material

	Apollo Labs 17361 Marlin/Piedra Vista Drive Scottsdale, AZ 85255	(602) 767-7600 http://www.apollolabsincorp.com USA	Regulatory Compliance Testing 3 of 5
Indica Crude Sample ID: 2311AP08429.2852 Strain: Indica Matrix: Concentrates & Extracts Type: Crude Batch#: F-11/21 Lot #:	Product: Collected: Received: 11/29/2021 Completed: 12/01/2021	Client: Catalina Hills/Venom Lic: 000000140CCC00020307	
Microbials			Pass
Analyte Aspergillus flavus Aspergillus fumigatus Aspergillus niger Aspergillus terreus Shiga toxin-producing E. Coli Salmonella SPP	Limit CFU/g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g	Result CFU/g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g	Status Pass Pass Pass Pass Pass Pass
Date Tested: 11/30/2021 07:00 am			
Mycotoxins			Pass
Analyte B1 B2 G1 G2 Total Aflatoxins Ochratoxin A	LOD µg/kg 10 10 10 10 10 10	LOQ µg/kg 20 20 20 20 20 20	Units µg/kg ND ND ND ND ND ND
Date Tested: 11/29/2021 07:00 am			
Heavy Metals			Pass
Analyte Arsenic Cadmium Lead Mercury	LOD µg/g 0.066 0.066 0.166 0.2	LOQ µg/g 0.133 0.133 0.333 0.4	Limit µg/g 0.4 1 1 1
Units ND ND ND ND	Status Pass Pass Pass Pass	Compound Not Detected	Tests PASSED

When a product is delivered to a wholesale dispensary, this is one of the COAs provided with each product batch.

Figure 4 shows an annotated Test Panel for Heavy Metals of Source Material used for infusion.


Final Product Test Panels

Final Product Testing: Potency & Microbials

Final products are always tested for Microbials at the Final Product packaging stage to ensure safety.

Cannabinoid Potency analyses are performed to meet AZDHS requirements for THC and CBD product label claims and to ensure Medical and Adult Use consumption rules are followed.

Figure 5 shows an annotated Final Product Test Panel Summary and detailed Potency information.



desert valley
TESTING

Certificate of Analysis

00000003.CIN00627986

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www.desertvalleytesting.com

Halo Infusions and Extractions

License# 00000022C0000244003
4565 S Palo Verde Rd Ste. 405
Tucson, AZ 85714
520-349-9755

Final Product Test Panel
(Potency & Mycotoxins/Microbials)

Sample Batch Collection: 06/22/22 11:12; Sample Batch Collected By: Halo Infusions and E
Sample Received: 6/24/2022; Report Created: 7/2/2022

Additional Licenses:
Batch #: 062222IRVC; External Lot #: 11921
Laboratory Number: 2206125-07
Ingestible

062222IRVC

Herbicides

Not Tested

Pesticides

Not Tested

Residual Solvents

Not Tested

Metals

Not Tested

Tests Performed

Mycotoxins


PASS

Aspergillus

Not Tested

E. Coli / Salmonella

PASS



Cannabinoid Test Panel

THC Potency Test Result

Cannabinoid (HPLC) Analyzed: 06/29/22 By: EGP

Analyte	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.01	ND	ND	ND	ND
delta-9-THC	0.01	0.400	20.8	0.04	ND
delta-8-THC	0.01	ND	ND	ND	ND
THC-V	0.01	ND	ND	ND	ND
CBD-A	0.01	ND	ND	ND	ND
CBD	0.01	ND	ND	ND	ND
CBD-V	0.01	ND	ND	ND	ND
CBN	0.01	ND	ND	ND	ND
CBS	0.01	ND	ND	ND	ND
CBC	ND	ND	ND	ND	ND

Compound Not Detected

Regulated Microbials (Petrifilm) Analyzed: 6/29/2022 By: T.C.J

Pathogens	RL	Result	Units	Q
E. coli	10	<10	cfu/g	

Regulated Microbials (PCR) Analyzed: By:

Pathogens	RL	Result	Units	Q
Aspergillus	NT	NT	per gram	

Regulated Microbials (PCR) Analyzed: 6/27/2022 By: T.C.J

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Not Detected	per gram	

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
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Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Pathogens	RL	PPF	Q
Aflatoxins	1.04	ND	
Ochratoxins	2.09	ND	

Total Cannabinoids Test Results

Figure 5. Test Panels for Final Product ④ and ⑤

Potency Test Panel

The Potency Test Panel is typically the first panel displayed in test results. It includes information on Cannabinoids detected, most notably THC and CBD.


Other Cannabinoids and their acidic pre-cursors (THCa, CBDa, CBGa, etc.) are also usually tested and reported.

Cannabinoids are the principal active compounds found in Marijuana, and are largely regarded as responsible for the majority of its effects, including euphoria and pain relief, or having antibiotic, anticonvulsant, or anti-inflammatory properties.

Figure 6 illustrates an annotated Test Panel for Potency for a Final Product (edible).

- * Concentrates and cartridges are the only products that require testing for solvents, as solvents are only used for extraction purposes.
- + The value .877 represents the estimated conversion rate of THCa and CBDa to their activated forms.

Sample Image



Cannabinoid (HPLC) Analyzed: 06/29/22 By: EGP

Analyte	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.01	ND	ND	ND	
delta 9-THC	0.01	0.400	20.8	0.04	
delta 8-THC	0.01	ND	ND	ND	
THC-V	0.01	ND	ND	ND	
CBG-A	0.01	ND	ND	ND	
CBD-A	0.01	ND	ND	ND	
CBD	0.01	ND	ND	ND	
CBD-V	0.01	ND	ND	ND	
CBN	0.01	ND	ND	ND	
CBG	0.01	ND	ND	ND	
CBC	0.01	ND	ND	ND	

Compound Not Detected

0.40 mg/g 20.80 mg/unit 0.04 % Total THC	0.00 mg/g 0.00 mg/unit 0.00 % Total CBD	0.40 mg/g 20.80 mg/unit 0.04% Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDa * 0.877 + CBD

Potency Test Panel (Final Product)

Figure 6. Potency Test Panel ⑤

Terpene Test Panel

The second panel usually found in Flower, Concentrate and Cartridge reports is a Terpene Test Panel. This panel includes any test data reported for terpenes.

Terpenes are important aromatic compounds originating from the same trichome sources as cannabinoids. Terpenes directly impact the taste and smell of smoked Marijuana and are believed to be a key component of the *Entourage Effect*.

Testing for Terpenes is NOT a requirement of the AZDHS. Terpene testing is usually done when a cultivator or manufacturer wants to make products that incorporate terpenes. Figure 7 provides an annotated Test Panel for Terpenes.

Terpenes (GCMS-MS) Analyzed: 02/15/22 By: KSG

Compound	mg/g	%	Q
alpha-Bisabolol	4.70	0.47	
(-)-Borneol and (+)-Borneol	ND	ND	
Camphene	ND	ND	
Camphor	ND	ND	
beta-Caryophyllene	ND	ND	
trans-Caryophyllene	8.00	0.80	
Caryophyllene Oxide	ND	ND	
alpha-Cedrene	ND	ND	
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	5.30	0.53	
Isoborneol	ND	ND	
Isopulegol	ND	ND	
Limonene	ND	ND	
Linalool	1.60	0.16	
p-Mentha-1,5-diene	ND	ND	
beta-Myrcene	ND	ND	
trans-Nerolidol	ND	ND	
Ocimene	ND	ND	
alpha-Pinene	ND	ND	
beta-Pinene	ND	ND	
Pulegone	ND	ND	
Sabinene	ND	ND	
Sabinene Hydrate	ND	ND	
gamma-Terpinene	ND	ND	
alpha-Terpinene	ND	ND	
3-Carene	ND	ND	
Terpineol	1.40	0.14	
Terpinolene	ND	ND	
Valencene	ND	ND	
Nerol	ND	ND	
cis-Nerolidol	ND	ND	
Total Terpenes	21.00	2.10	

Compound Not Detected

Terpene Present

Figure 7. Terpene Test Panel

Microbial Test Panel

Microbials include bacteria, fungi, viruses and other single or multi-celled parasitic organisms. Testing of microbials in Marijuana Products includes E. Coli and Salmonella bacteria, and Mycotoxins, (Aflatoxins and Ochratoxins).

E. Coli and Salmonella are bacteria found in the environment, foods, and intestines of people and animals. Most types of E. Coli are harmless or cause relatively brief symptoms. A few strains of E. Coli and Salmonella can be pathogenic.

A mycotoxin is a toxic secondary metabolite produced by organisms of kingdom Fungi and is capable of causing disease and death in both humans and other animals. The term 'mycotoxin' is usually reserved for the toxic chemical products produced by fungi that readily colonize crops. Figure 8 shows an annotated Test Panel for Microbials.

Microbials					Pass
Analyte	Limit	Result	Status		
Aspergillus flavus	CFU/g	Not Detected in 1g	Pass		
Aspergillus fumigatus	Not Detected in 1g	Not Detected in 1g	Pass		
Aspergillus niger	Not Detected in 1g	Not Detected in 1g	Pass		
Aspergillus terreus	Not Detected in 1g	Not Detected in 1g	Pass		
Shiga toxin-producing E. Coli	Not Detected in 1g	Not Detected in 1g	Pass		
Salmonella SPP	Not Detected in 1g	Not Detected in 1g	Pass		
Date Tested: 11/30/2021 07:00 am					
Mycotoxins					Pass
Analyte	LOD	LOQ	Limit	Units	Status
B1	µg/kg	10	20	ND	Pass
B2	10	20	20	ND	Pass
G1	10	20	20	ND	Pass
G2	10	20	20	ND	Pass
Total Aflatoxins		20	20	ND	Pass
Ochratoxin A		10	20	ND	Pass

Microbials & Mycotoxins Test Panels

Figure 8. Test Panels for Microbials (Final Product) ④

Residual Solvents Test Panel

Most concentrates are processed using a solvent such as CO₂, butane, propane, other hydrocarbons, water, or with our products, ethanol to extract the cannabinoids and terpenes from the plant material. Figure 9 illustrates an annotated Test Panel for Residual Solvents.

In some cases, the solvent and impurities from the solvent remain in the extracted material. These are called *residual solvents* and are the byproducts of the extraction process. Safety standards require that the presence of residual solvents fall below designated limits to be eligible for sale. Some concentrate products can be remediated by additional processing.

Residual Solvents					
Analyte	LOD	LOQ	Limit	Mass	Status
Acetone	µg/g	381	1000	ND	Pass
Acetonitrile	190.5	154	410	ND	Pass
Benzene	77	1	2	ND	Pass
Butanes	0.5	1914	5000	ND	Pass
Chloroform	12	24	60	ND	Pass
Dichloromethane	115.5	231	600	ND	Pass
Ethanol	955	1910	5000	2030.6253	Pass
Ethyl-Acetate	953.5	1907	5000	ND	Pass
Ethyl-Ether	950.5	1901	5000	ND	Pass
n-Heptane	946	1892	5000	ND	Pass
Hexanes		115	290	ND	Pass
Isopropanol	957.5	1915	5000	ND	Pass
Isopropyl-Acetate	954	1908	5000	ND	Pass
Methanol	570.5	1141	3000	ND	Pass
Pentane		1923	5000	ND	Pass
Propane	953.5	1	5000	ND	Pass
Toluene	171.5	841	890	ND	Pass
Xylenes + Ethyl Benzene		841	2170	ND	Pass

Residual Solvents Test Panel

Figure 9. Test Panel for Residual Solvents ②

Pesticides Test Panel

Pesticides are man-made complex compounds, used to repel or eradicate insects, rodents and other pests. While many pesticides become inert after application, some persist on plants and in their soil.

Dozens of common pesticides that may be used by cultivators are tested and any quantities above threshold are reported. Only safe products are permitted for sale. Figure 10 provides an example of an annotated Test Panel for Pesticides.

Pesticides					Pass				
Analyte	LOQ	Limit	Units	Status	Analyte	LOQ	Limit	Units	Status
Abamectin	0.2500	0.5000	PPM	Pass	Hexythiazox	0.5000	1.0000	PPM	Pass
Acetate	0.2000	0.4000	ND	Pass	Imazalil	0.1000	0.2000	ND	Pass
Acetamiprid	1.0000	2.0000	ND	Pass	Imidacloprid	0.2000	0.4000	ND	Pass
Aldicarb	0.1000	0.2000	ND	Pass	Kresoxim Methyl	0.2000	0.4000	ND	Pass
Azoxystrobin	0.2000	0.4000	ND	Pass	Malathion	0.1000	0.2000	ND	Pass
Bifenazate	0.1000	0.2000	ND	Pass	Metazoxyl	0.1000	0.2000	ND	Pass
Bifenthrin	0.1000	0.2000	ND	Pass	Methiocarb	0.1000	0.2000	ND	Pass
Boscalid	0.2000	0.4000	ND	Pass	Methomyl	0.2000	0.4000	ND	Pass
Carbaryl	0.1000	0.2000	ND	Pass	Myclobutanil	0.1000	0.2000	ND	Pass
Carbofuran	0.1000	0.2000	ND	Pass	Naled	0.2500	0.5000	ND	Pass
Chlorantraniliprole	0.1000	0.2000	ND	Pass	Oxamyl	0.5000	1.0000	ND	Pass
Chlorfenapyr	0.5000	1.0000	ND	Pass	Piclobutrazol	0.2000	0.4000	ND	Pass
Chlorpyrifos	0.1000	0.2000	ND	Pass	Permethrins	0.1000	0.2000	ND	Pass
Cifenthiopate	0.5000	1.0000	ND	Pass	Phosmet	0.1000	0.2000	ND	Pass
Cyfluthrin	0.5000	1.0000	ND	Pass	Piperonyl Butoxide	1.0000	2.0000	ND	Pass
Cypermethrin	0.5000	1.0000	ND	Pass	Prallethrin	0.1000	0.2000	ND	Pass
Daminozide	0.5000	1.0000	ND	Pass	Propiconazole	0.2000	0.4000	ND	Pass
Diazinon	0.1000	0.2000	ND	Pass	Propoxur	0.1000	0.2000	ND	Pass
Dichlorvos	0.0500	0.1000	ND	Pass	Pyrethrins	0.5000	1.0000	ND	Pass
Dimethoate	0.1000	0.2000	ND	Pass	Pyridaben	0.1000	0.2000	ND	Pass
Ethoprophos	0.1000	0.2000	ND	Pass	Spinosad	0.1000	0.2000	ND	Pass
Etofenprox	0.2000	0.4000	ND	Pass	Spiromesifen	0.1000	0.2000	ND	Pass
Etoazote	0.1000	0.2000	ND	Pass	Spirotetramat	0.1000	0.2000	ND	Pass
Fenoxycarb	0.1000	0.2000	ND	Pass	Spiroxamine	0.2000	0.4000	ND	Pass
Fenpyroximate	0.2000	0.4000	ND	Pass	Tebuconazole	0.2000	0.4000	ND	Pass
Fipronil	0.2000	0.4000	ND	Pass	Thiacloprid	0.1000	0.2000	ND	Pass
Flonicamid	0.5000	1.0000	ND	Pass	Thiamethoxam	0.1000	0.2000	ND	Pass
Fludioxonil	0.2000	0.4000	ND	Pass	Trifloxystrobin	0.1000	0.2000	ND	Pass

Figure 10. Test Panel for Pesticides ①

Heavy Metals Test Panel

Heavy metals are metallic chemical elements that have a relatively high density and can be toxic or poisonous even at low concentrations. Heavy metals occur in cannabis products when the plant uptakes these elements while in cultivation, or when heavy metal-containing nutrients are used.

Figure 11 below provides an example of an annotated Test Panel for Heavy Metals.

Date Tested: 11/29/2021 07:00 am					
Heavy Metals					Pass
Analyte	LOD	LOQ	Limit	Units	Status
Arsenic	0.066	0.133	0.4	ND	Pass
Cadmium	0.066	0.133	0.4	ND	Pass
Lead	0.166	0.333	1	ND	Pass
Mercury	0.2	0.4	1.2	ND	Pass

Figure 11. Test Panel for Heavy Metals ③

Halo Infusions Testing

All of our test results can be found conveniently at our website haloinfusions.com/testing. All that is required is to enter the Batch ID into the provided field and Voila! You will find the results related to your product with easy to navigate buttons that detail which results you are reviewing. There is also a zip file download for the ease of capturing all related results with one click of a button.

When reading our Certificates of Analysis (COAs), notice there are typically 2-3 CoAs in our testing packet. In this you will find the Final Product analysis (Potency and Microbials), the Source Material analysis (Pesticides, Residual Solvents and Heavy Metals) and when applicable, the Intermediary dosing material analysis (Potency and Microbials, to ensure dosing accuracy and sanitation control through processing).

Additional Product COAs

When products do not pass muster for Potency (+/- 20% of the label claims) with results from the lab, the state has allowed for testing at two other labs. This allows for the potential uncertainty from the first lab to not hinder the ability to sell products that may otherwise be dosed correctly.

In these situations you will find that we list two additional COAs in our testing packet, Primary Retest and Secondary Retest. We label the product with one of the two passing retest potency results; this is typically the potency result closest to the target on our label.

For More Information

For more information on product testing and reporting, please contact our Customer Care team at customercare@haloinfusions.com.