

Package Analyses

Full Panel	\$530	20g or mL
+ Terpenes	+ \$50	
+ Residual Solvents	+ \$50	
+ Homogeneity	+ \$150	
Profile Panel	\$120	4g or mL
Safety Panel I	\$130	8g or mL
+ Residual Solvents	+ \$50	
Safety Panel II	\$350	8g or mL

Individual Analyses

Cannabinoids	\$70	3g or mL
Terpenes	\$80	1g or mL
Metals	\$120	3g or mL
Microbial	\$160	5g or mL
Pesticides & Mycotoxins	\$240	3g or mL
Residual Solvents	\$80	2g or mL
Moisture Content	\$20	1g or mL
Water Activity	\$20	2g or mL
Foreign Materials	\$20	3g or mL
Homogeneity	\$180	2 - 4 Units

Additional Services

Rush TAT	+ 30%
Drying	\$20
Sample Pickups	Contact Us
Sampling	Contact Us

Discounts

5-9 Samples	- 10%
10-19 Samples	- 20%
20+ Samples	Contact Us

For pre-harvest (wet plant material) sample submissions, please provide a minimum weight of 3-4 times the dry weight required per analysis package.

Full Panel

\$530

Available for all hemp product types

20g // 20mL // 2-4 Units

Includes the following analyses: **cannabinoid potency, metals, pesticides, mycotoxins, microbials, and foreign materials.** **Moisture content** is included for cured plant material only. **Water activity** is included for all product types except infused beverages. For extracts and some infused products, we recommend adding on **residual solvent** testing.

Terpenes **+\$50**

Residual Solvents **+\$50**

Homogeneity **+\$150**

Profile Panel

\$120

Available for all hemp product types

4g // 4mL // 1 Unit

Cannabinoid potency and terpene analysis includes 15 cannabinoids and 36 terpenes for a unique 51 compound profile.

Safety Panel I

\$130

Available for all hemp product types

8g // 8mL // 1 Unit

This includes **metals** and **foreign materials.** **Moisture content** is included for plant material only. **Water activity** is included for all products except infused beverages. For extracts and some infused products, we recommend adding on **residual solvent** testing.

Residual Solvents **+\$50**

Safety Panel II

\$350

Available for all hemp product types

8g // 8mL // 1 Unit

Includes **pesticide, mycotoxin, and microbial** analysis, to cover over 75 harmful chemicals, fungi, and microbes.

Cannabinoid Potency

\$70

Available for all hemp product types 3g // 3mL // 1 Unit
USDA Compliant 15 Cannabinoid Potency Testing. Includes dry weight percent, uncertainty measurements, and THC Pass/Fail value for flower. Reports in weight percent and mg/g. For infused products - we can also report mg/unit, mg/serving, and/or mg/mL if provided the net weight and volume or density of the product.

CBC, CBCA, CBD, CBDA, CBDV, CBDVA, CBG, CBGA, CBL, CBN, THCA, THCV, THCVA, Δ8THC, Δ9THC

Terpene Profile

\$80

Available for all hemp product types 1g // 1mL // 1 Unit
Extensive 36 compound terpene profile includes both major and minor terpenes typically found in cannabis. Reports in weight percent and mg/g.

alpha-Pinene, Camphene, Sabinene, beta-Myrcene, beta-Pinene, alpha-Phellandrene, 3-Carene, alpha-Terpinene, D-Limonene, Eucalyptol, gamma-Terpinene, Terpinolene, Sabinene hydrate, Linalool, Fenchone, Fenchyl alcohol, Isopulegol, Camphor, Isoborneol, Menthol, Borneol, Terpineol (alpha-, beta-, gamma-), Nerol, Geraniol, Pulegone, Geranyl acetate, alpha-Cedrene, Caryophyllene, alpha-Humulene, Valencene, Nerolidol (cis-, trans-), Guaiol, Caryophyllene Oxide, Cedrol, alpha-Bisabolol, Ocimene

Metals

\$120

Available for all hemp product types, water* and soil* 3g // 3mL // 1 Unit
Measures the amount of heavy and essential metal/metalloids present in the product in ug/g (ppm).

Arsenic, Cadmium, Mercury, Lead, Chromium, Copper, Nickel, Zinc, Iron, Manganese, Selenium, Antimony

Microbes

\$160

Available for all hemp product types and swabs* 5g // 5mL // 1 Unit
Measures microbial contamination by qPCR. Reports in presence/absence or CFU/g.

Total Yeast and Mold, Shiga toxin-producing Escherichia coli (STEC), Salmonella spp., Aspergillus multiplex (flavus, fumigatus, niger, terreus)

*Water, soil, and swab analysis is outside of our ISO 17025 scope and provided for R&D/ QA purposes only.

Pesticides & Mycotoxins

\$240

Available for all hemp product types

3g // 3mL // 1 Unit

Covers various state high-THC cannabis pesticide lists including California, Colorado, and Michigan for a total of 67 pesticides quantified, as well as Aflatoxin B1, B2, G1, G2, and Ochratoxin A. Reports in ug/g (ppm).

Cyfluthrin, Chlordane (cis-, trans-), Cypermethrin, Pentachloronitrobenzene, Captan, Chlorfenapyr, Methyl parathion, MGK 264, Daminozide, Acephate, Oxamyl, Methomyl, Thiamethoxam, Imidacloprid, Dimethoate, Acetamiprid, Thiachloprid, Aldicarb, Dichlorvos, Propoxur, Carbofuran, Carbaryl, Imazalil, Naled, Metalaxyl, Chlorantraniliprole, Spiroxamine, Phosmet, Azoxystrobin, Methiocarb, Boscalid, Paclobutrazol, Malathion, Myclobutanil, Fenhexamid, Bifenazate, Spirotetramat, Ethoprophos, Fenoxycarb, Kresoxym-methyl, Tebuconazole, Diazinon, Coumaphos, Clofentezine, Trifloxystrobin, Prallethrin, Piperonyl Butoxide, Chlorpyrifos, Etoxazole, Spiromefesin, Fenpyroximate, Pyridaben, Abamectin, Etofenprox, Bifenthrin, Acequinocyl, Flonicamid, Fludioxonil, Fipronil, Hexythiazox, Mevinphos, Dimethomorph, Spinosad (Spinosyn A, Spinosyn D), Propiconazole, Pyrethrins, Permethrins (cis-, trans-), Spinetoram (I, L), Aflatoxins B1, B2, G1, G2, Ochratoxin A

Residual Solvents

\$80

Available for extracted and infused products

2g // 2mL // 1 Unit

Determines any potential byproduct contamination from the extraction process. 20 common Class I, Class II, and Class III solvents are quantified. Reports in ug/g (ppm).

Propane, Butane, Methanol, Ethylene oxide, Pentane, Ethanol, Ethyl ether, Acetone, Isopropanol, Acetonitrile, Methylene chloride, Hexane, Ethyl Acetate, Chloroform, Benzene, 1,2-Dichloroethane, Heptane, Trichloroethylene, Toluene, Total Xylenes (ortho-, meta-, para-)

Moisture Content

\$20

Available for cured hemp plant material

1g // 1mL // 1 Unit

Determines the moisture content after curing on post-harvest plant material. Reports in percent moisture.

Water Activity

\$20

Available for all hemp product types

2g // 2mL // 1 Unit

The measure of free water in the product. Indicates potential for microbial growth. Reports in a_w .

Foreign Materials

\$20

Available for all hemp product types

3g // 3mL // 1 Unit

Determines contaminants (soil, bugs, mold, etc.) via microscopy. Pass/fail reported.

Homogeneity

\$180

Available for final packaged products

2-4 Units

Determines consistency and labeling accuracy of cannabinoids per serving for a production batch of infused products. If your product is 1 serving per unit, we will need 4 units, if the product contains multiple servings per unit, we will need 2 units. Includes cannabinoid potency analysis. Reports in pass/fail for accuracy and pass/fail for variability.

Turnaround Times

	Rush	Regular
Cannabinoids	1*	3
Terpenes	1 - 2	5 - 7
Metals	1 - 2	5 - 7
Microbial	3 - 4	5 - 7
Pesticides & Mycotoxins	1 - 2	5 - 7
Residual Solvents	1 - 2	5 - 7
Moisture Content	1 - 2	5 - 7
Water Activity	1 - 2	5 - 7
Foreign Materials	1 - 2	5 - 7
Homogeneity	1 - 2	5 - 7
Full Panel	3 - 4	5 - 7
Profile Panel	1 - 2	5 - 7
Safety Panel I	1 - 2	5 - 7
Safety Panel II	3 - 4	5 - 7

*Same day processing available if delivered to the lab before noon.

Turnaround times are listed in business days. Please alert the laboratory prior to sample submission to guarantee same day processing, if applicable.

Rush Turnaround

+30%

48-hour turnaround guaranteed for our profile panel and cannabinoid, terpene, residual solvent, and metals individual analyses.

Drying

\$20

Laboratory drying fee for pre-harvest samples.

Sample Pickups

\$0-65

Servicing New Jersey and Eastern Pennsylvania. Complimentary pick up offered for bulk orders. Contact us for a quote with your pickup location and sample quantity.

Sampling

We are licensed for USDA compliant pre-harvest sampling for some USDA-approved state programs. Contact us for eligibility and quote.

Consulting & Environmental Services

Contact us for a quote.

Effective 2/1/2021