


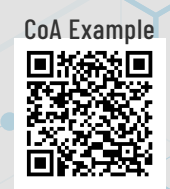



TESTING SERVICES


 TEST TYPES	 WHAT DO WE REPORT	R&D SAMPLE AMOUNT		ADDITIONAL SERVICES
POTENCY & CANNABINOID PROFILE	Total mg/g and weight % of 19 cannabinoids including: THC _s , CBD _s and, CBG, CBGA, CBDV, CBDVA, THCV, THVCA, CBN, CBNA, exo-THC, delta-8-THC, delta-10-THC, CBL, CBLA, CBC, CBCA	Flower: 1 g Conc: 0.5 g Infused: 1 srv	\$ 40	<p>On-Site Training All of our clients are entitled to a free on-site training to ensure best practices are followed to minimize the risk of test failures</p> <p>New Facility Review Our goal is to provide the most efficient testing service and provide you best practices to eliminate the risk of failing tests. If you have a new facility or operation, our experienced scientists can walk-through your facility and review your operating plans. We will provide you advice that aids in efficiently passing lab tests.</p> <p>Environmental Testing Help diagnose microbe, heavy metal and pesticide issues with soil, water, air and surface sampling</p> <p>Special Projects Have a specific test or analyte you need? Let us know and we will develop the test for you!</p>
TERPENE PROFILE	Total mg/g and weight % of 23 Terpenes including: alpha-Pinene, Camphene, beta-Myrcene, beta-Pinene, Delta-3-Carene, alpha-Terpinene, beta-Ocimene, d-Limonene, p-Cymene, alpha-Ocimene, Eucalyptol, gamma-Terpinene, Terpinolene, Linalool, Isopulegol, Geraniol, b-Caryophyllene, alpha-Humulene, cis-Nerolidol, trans-Nerolidol, Guaiol, Caryophyllene Oxide, alpha-Bisabolol	Flower: 0.2 g Conc: 0.2 g	\$ 65	
MICROBIAL CONTAMINANTS	The presence and/or quantity of the following 6 targets: ECI (E. coil), SAL (salmonella), ETB (enterobacter), total yeast & mold (YMR), ECT (total coliforms), TAC (total aerobic bacteria)	Flower: 1.5 g Conc: 1.5 g Infused: 1.5 g	\$ 150: all targets \$ 20 ea: YMR, ECT, TAC \$ 30 ea: ECI, SAL, ETB	
MYCOTOXINS	Aflatoxin B1, B2, G1, G2 & Ochratoxin A must total < 20 ppb	Flower: 0.2 g Conc: 0.2 g	\$ 100	
PESTICIDES	Bifenthrin, Cyfluthrin, Daminozide, Etoxazole, Imazalil, Myclobutanil, Spiromesifen, and Trifloxystrobin Must be undetectable in sample.	Flower: 0.5 g Conc: 0.5 g	\$ 150	
HEAVY METALS	Cadmium, Lead, Arsenic & Mercury Must be < concentration limits specified by product type.	Flower: 1 g Conc: 1 g Infused: 1 g	\$ 50	
RESIDUAL SOLVENTS	20 Solvents Butane, Hexane, Acetone, Benzene, Ethanol, Heptane, Pentane, Propane, Toluene, Methanol, Chloroform, Ethyl Ether, Acetonitrile, Ethyl Acetate, Ethylene Oxide, Xylenes, Isopropanol, Trichloroethylene, 1,2-Dichloroethane, Methylene Chloride	Flower: 0.2 g Conc: 0.2 g	\$ 65	
HOMOGENEITY	The percent difference of total THC or CBD between different samples must be <15%	Conc: 2x0.5g Infused: 2x1 srv	\$ 80	
WATER ACTIVITY	Free water Must be <0.65aW in plant material & <0.85aW in Marijuana product	Flower: 1 g Infused: 1 srv	\$ 40	
MOISTURE CONTENT	Total water Must be <15% of total weight	Flower: 1 g	\$ 25	
FILTH & FOREIGN MATERIAL	Visual, microscopic, inspection for contaminants such as: hair, insects, feces, wood, metal, dirt, etc.	1 g	\$ 40	









































CONTACT US FOR PACKAGE PRICING

ADULT USE COMPLIANCE TESTING

 Required Test for Compliance Testing

 Mycotoxins required only when product is remediated or retested due to Yeast & Mold Failure

 Compliance test not yet required

	Potency	Microbial	Moisture	Water Activity	Foreign Material	Homogeneity	Heavy Metals	Residual Solvents	Mycotoxins	Test Package Cost <small>without mycotoxins</small>	Pesticides
FRESH FROZEN <i>Transfer: Cultivation to Manufacturing</i>										\$50	
CANNABIS, PRE-ROLL, KIEF <i>Transfer: Cultivation to Manufacturing</i>										\$115	
CANNABIS, PRE-ROLL, KIEF <i>Transfer: Cultivation to Retail</i>										\$345	
CONCENTRATE <i>Transfer: Manufacturing to Retail</i>										\$425	
SEMI-SOLID or SOLID INFUSED* <i>Transfer: Manufacturing to Retail</i>										\$400	
PRESERVED INFUSED PRODUCTS^ <i>Transfer: Manufacturing to Retail</i>										\$360	

*These products do not require additional preservation (i.e. refrigeration) and must be tested for water activity.

^These products are preserved and do not require water activity testing (e.g. beverage).

DID YOU REMEMBER?

- > Select the right type of test in METRC (e.g. Metals Flower/Trim vs. Metals Concentrate)
- > Use R&D testing to screen for micro and heavy metals to avoid costly compliance failures
- > Homogeneity requires collection of two additional 1 gram increments in separate containers. This counts towards the required sample size
- > Chain of Custody (COC) is completely electronic in TagLeaf. Make use of the METRC integration to expedite order entry
- > Use security seals and "For Testing Purposes Only"
- > Print 3x METRC Manifests and 3x TagLeaf COCs to transport samples
- > Contact us to assist you at any point and to schedule sample pickups

Harvest Batch Sample

<2.5 kg	13 Increments of 0.5 g = 6.5 g
2.5 kg to <5 kg	19 Increments of 0.5 g = 9.5 g
5 kg to <7.5 kg	16 Increments of 1.0 g = 16 g
7.5 kg to <10 kg	22 Increments of 1.0 g = 22 g

Production Batch Sample

<0.5 kg	12 Increments of 0.5 g = 6.0 g
0.5 kg to <1 kg	16 Increments of 0.5 g = 8.0 g
1 kg to <1.5 kg	20 Increments of 0.5 g = 10 g
1.5 kg to <2.0 kg	24 Increments of 0.5 g = 12 g
2.0 kg to <5.0 kg	28 Increments of 0.5 g = 14 g

Production Units* Sample

<50	3 Units
50 - 150	3 Units
151 - 500	5 Units
501 - 1,200	8 Units
1,201 - 3,200	13 Units
3,201 - 10,000	20 Units

*Production Units can be unpackaged servings or packaged retail units of cannabis concentrates & products



NOVA ANALYTIC LABS

Tomorrow's Testing, Today.

ADULT USE TESTING THRESHOLDS

RESIDUAL SOLVENTS

(mg/kg, ppm)

Acetone	5000
Acetonitrile	410
Butane	5000
Ethanol	5000
Ethyl Acetate	5000
Ethyl Ether	5000
Heptane	5000
Hexane	290
Isopropyl Alcohol	5000
Methanol	3000
Pentane	5000
Propane	5000
Toluene	890
Total Xylenes	2170
1,2-Dichloroethane	1
Benzene	1
Chloroform	1
Ethylene Oxide	1
Methylene Chloride	1
Trichloroethylene	1

Applies to Extracts Only

POTENCY

Edibles only: Total THC must be ≤ 10.5 mg/serving and ≤ 105 mg in the entire package

MOISTURE CONTENT

The total % moisture in plant material must be $< 15\%$. This does not apply to Fresh Frozen

WATER ACTIVITY

Plant material, excluding fresh frozen, must be < 0.65 aW. Solid or semi-solid products must be < 0.85 aW.

HOMOGENEITY

Concentrates and manufactured products must have a % RSD $\leq 15\%$ between the 3 individual homogeneity increments

FOREIGN MATERIAL

Fails for one insect (dead or alive), hair, or mammalian excreta. Fails if $> 1/4$ of the surface is covered by Mold, Soil, Sand, Dirt or embedded foreign material.

MYCOTOXINS

All Mycotoxins combined (Total Mycotoxins) must be less than 20 ppb or ug/kg

Microbial Analysis (CFU/g)

Heavy Metals (ug/kg, ppb)

	Plant	Extracts	Inhalation Products	Ingestion, Edibles, or Suppository	Topical
Total Viable Aerobic Bacteria	100,000	10,000	10,000	10,000	10,000
Total Yeast and Mold	10,000	1,000	1,000	1,000	1,000
Total Coliform	1,000	100	100	100	100
Enerobacteriaceae	1,000	100	100	100	100
E. coli (pathogenic strains)	< 1	< 1	< 1	< 1	< 1
Salmonella	< 1	< 1	< 1	< 1	< 1
Cadmium	200	200	200	500	5,000
Lead	500	500	500	500	10,000
Arsenic	200	200	200	1,500	1,000
Mercury	100	100	100	3,000	1,000