Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Dear Valued Hemp Industry Members,

It is our pleasure to introduce our Analytical testing service, which has been in operation as a -- for informational purposes -- hemp and hemp derived product testing facility since August 2019. At Rapid Analytics, we are convinced that rapid and accurate testing results are the fundamentals to making the right business decisions.

With the acceptance of the 2014 Farm Bill, we have worked closely with the United States Postal Service to create a mailer program for hemp and hemp derived products – we provide shipping kits to ensure that your product is delivered to our facility without complication.

Currently, we are testing for potency, residual solvents and terpenes. We have secured funding to acquire the instrumentation needed to bring us into accreditation for full panel testing from Oregon Environmental Laboratory Accreditation Program (ORELAP) -- including potency, water activity, moisture content, pesticides, residual solvents and heavy metals – expected Second Quarter 2020.

While we are excited about the future and are striving to enter the compliance market as soon as possible, we feel our current business model also provides a valuable service. We offer dependable results within a twenty-four-hour turnaround time without any additional expedited fees. We believe this service is invaluable for research and development, product confirmation and providing producers with the information needed to make informed business decisions.

We invite you to our services and thank you in advance for your consideration towards using Rapid Analytics for your testing needs.

Sincerely,

David Errington

Laboratory Director

Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Itemized Price List

Testing is for informational purposes only and cannot be used for compliance or labeling.

Our services cover the potency of industry relevant cannabinoids, terpene profile, and residual solvent analysis -- providing rapid, accurate, and reliable results within 24 hours of sample processing. Information that you can use to make the right business decisons.

Potency Testing	**$100**
The potency of cannabinoids and moisture content.	
Terpene Profile	**$80**
14 common terpenes.	
Residual Solvent Analysis	**$135**
Oregon Compliance list residual solvent analysis.	

At Rapid Analytics, we offer the first "DIY" sampling kits to customers for informational testing. We will mail you a kit to sample your product. Simply fill the kit, and send it back to us.

Now offering new clients 25% off potency testing!

Free overnight shipping on orders over $300!

Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Cannabinoids List

COMPOUND	FLOWER LOD (%)	CONCENTRATE LOD (%)
CBDV	0.1	0.2
CBDA	0.1	0.2
CBGA	0.1	0.2
CBG	0.1	0.2
CBD	0.1	0.2
CBN	0.1	0.2
THCA-A	0.1	0.2
Delta 9 THC	0.1	0.2
Delta 8 THC	0.1	0.2
CBC	0.1	0.2

Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Terpenes List

COMPOUNDS	LOD (PPM)
(-)-α-Bisabolol (23089-26-1)	7.81
Camphene (79-92-5)	7.81
δ-3-Carene (13466-78-9)	7.81
β-Caryophyllene (87-44-5)	7.81
Geraniol (106-24-1)	7.81
(-)-Guaiol (489-86-1)	7.81
α-Humulene (6753-98-6)	7.81
p-Isopropyltoluene (*p*-cymene) (99-87-6)	7.81
(-)-Isopulegol (89-79-2)	7.81
d-Limonene (5989-27-5)	7.81
Linalool (78-70-6)	7.81
β-Myrcene (123-35-3)	7.81
Nerolidol (7212-44-4)	7.81
Ocimene (13877-91-3)	7.81
α-Pinene (80-56-8)	7.81
(-)-β-Pinene (18172-67-3)	7.81
α-Terpinene (99-86-5)	7.81
γ-Terpinene (99-85-4)	7.81
Terpinolene (586-62-9)	7.81
Alpha terpineol	7.81

Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Residual Solvents List

COMPOUND	LOD (PPM)	ACTION LIMIT (PPM)
Propane	80	5000
Isobutane	200	5000
n-Butante	200	5000
Neopentane	200	5000
Methanol	800	3000
Ethylene oxide	24	50
Iso pentane	1120	5000
n-Pentane	1120	5000
Ethanol	1120	5000
Ethyl ether	1120	5000
Acetone	1120	5000
Isopropyl alcohol	1120	5000
Acetonitrile	196.8	410
2,3 Dimethylbutane	19.2	290
2,2 Dimethylbutane	19.2	290
Dichloromethane	288	600
2 Methylpentane	19.2	290
3 Methylpentane	19.2	290
n-Hexane	19.2	290
Ethyl acetate	1120	5000
2 Butenol	1120	5000
THF	345.6	720
Cyclohexane	1862.4	3880
Isopropyl acetate	1120	5000
Benzene	0.96	2
n-Heptane	1120	5000
1,4 Dioxane	182.4	380
2 Ethoxyethanol	76.8	160
Toluene	427.2	890
Ethylene glycol	297.6	620
Ethylbenzene	1041.6	2170
Total Xylenes (m, p)	1041.6	2170
Total Xylenes (o)	1041.6	2170

*Total Butanes, Total Hexanes, Total Pentanes, and Total Xylenes are calculated in accordance with OAR 333-007-0410

Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Sampling flower and bio-mass:

1. Work with one batch or lot at a time.
2. Stage the mylar bag with corresponding sample information in an easy to reach place near the batch/lot.
3. Consolidate the batch or lot to one location, preferably in one container.
4. Visualize a grid in the container with five sections across.
5. In each of the 5 sections, take an approximately a nickel size amount of plant matter from the top half of the container and place it in the provided mylar bag with the corresponding sample information.
6. Repeat the process, taking approximately a nickel size amount of plant matter from the bottom half of the container and place it in the provided mylar bag with the corresponding sample information.
7. If the batch or lot is in multiple containers, follow sampled steps 2-4 for each container.
8. Reseal the mylar bag and place in the return shipping box.

A minimum of 5 g of sample is needed.

Sampling liquid, semi-solid, or crystalized extracts and concentrates:

1. Work with one batch or lot at a time.
2. Stage the mylar bag and sample puck with corresponding sample information in an easy to reach place near the batch or lot.
3. Consolidate the batch or lot into a single container.
4. Heat the entire batch or lot until it is liquid enough stir.
5. Homogenize the sample by stirring the batch/lot until it is well mixed.
6. Use a syringe and aspirate 2 ml.
7. Dispense the syringe into the provided sample puck.
8. Cap the puck and place in the mylar bag with the corresponding sample information label.
9. Reseal the mylar bag and place in the return shipping box.

A minimum of 2 g of sample is needed, do not ship the syringe.

Sampling solid extracts and concentrates:

1. Work with one batch or lot at a time.
2. Stage the mylar bag and sample puck with corresponding sample information in an easy to reach place near the batch/lot.
3. Consolidate the batch or lot to one location, preferably in one container.
4. Homogenize the batch/lot by stirring or mixing to break up clumps.
5. Visualize a grid in the container with five sections across.
6. In each of the 5 sections, take an approximately a 1/8 teaspoon of solid extract or concentrate from the container and place it in the provided sample puck.
7. Cap the puck and place in the mylar bag with the corresponding sample information label.
8. Reseal the mylar bag and place in the return shipping box.

A minimum of 2 g of sample is need.

Rapid Analytics
1680 Pearl Street
Eugene, Oregon 97401
(541) 777-8008

Self-Certification Statement

I certify that all information furnished in this letter and supporting documents are accurate, truthful, and complete. I understand that anyone who furnishes false or misleading information or omits information relating to this certification may be subject to criminal and/or civil penalties, including fines and imprisonment.

Signature

_____

Date

_____