



OSU Seed Lab
3291 SW Campus Way
Corvallis, OR 97331

Phone: 1-541-737-4464
Fax: 1-541-737-2126
Email: seedlab@oregonstate.edu

DATE RECEIVED/BY:

1. CUSTOMER INFORMATION *required

Business Name:			
Has your business used the OSU Seed Lab before? Yes No <i>Unsure</i>			
*Contact person:		*Phone:	
Email:		Fax:	
*Hemp Handler/Grower License # and State of Issue:			
*Mailing Address:		Billing Address (if different):	
<i>Please note: we cannot email test reports.</i>			
How would you like us to return your seed to you? Circle or highlight one: <u>Ship & Add Charges to Invoice</u> <u>Pick Up</u> <u>Use Included Label</u>			
Charge my [FedEx] [UPS] account: _____			

2. SAMPLE INFORMATION *required See page 2 for more information.

Species/Crop: Hemp (<i>Cannabis sativa</i>)	Variety/Strain:
*Lot Number/Unique Identifier:	
*List any treatments/coatings: (include a copy of the safety data sheet for each)	
Additional information to include on test report:	

3. TESTS REQUESTED

Circle or highlight tests. See page 2 for more information.
Tests are conducted using AOSA rules. This form is not for requesting ISTA testing.

Purity	Viability	Special Testing **requires additional information	
Purity	Germination	Ploidy	**Gender
Crop & Weed	Tetrazolium	Moisture (NMR)	Conductivity
Seed Weight/1k Seed Count	Accelerated Aging	Protein (NMR)	Cold
		Oil (NMR)	Other

Tests Not Listed, Additional Testing Information, or Special Instructions:

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By submitting this form, you are agreeing to the charges and service fees for testing requested above, for the samples listed on pages 1 and 3 of this form. Invoices are issued on the 10th of each month for testing ordered in the previous month, and full payment is expected within 30 days of receipt of the invoice. If you wish to cancel or alter the tests requested, notification must be received by phone or email prior to test completion. In some cases it will not be possible to cancel testing once it has started. Cancellations are subject to a prorated testing charge and/or a cancellation fee. Additional hourly charges may apply for samples that require unique preparation or are highly contaminated. You will be notified before we continue with testing if more than an hour of additional charges (\$68) is expected. Current fees can be found at: <https://seedlab.oregonstate.edu/fees>

LAB TEST #

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Submitting Your Sample:

- Prepare your sample by sealing it in a bag or envelope, taped closed as needed to prevent seeds from leaking from the top, bottom or corners. If you are requesting a moisture test, the sample must be sent in a moisture-proof container, such as a zip-top plastic bag or a vacuum-sealed bag.
- Label each sample with your name or company name, the species, and the lot number (or a unique identifier). Failure to include this information on each sample bag may result in testing delays.
- Include a copy of the Hemp Seed Testing Order Form inside the package alongside the sample(s). Please do not place the form inside the bag or envelope that contains your seeds, as this may lead to contamination.
- Ship or drop off the sample(s) directly to the OSU Seed Lab:

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In most cases, we will return any excess seed once all testing has completed and the associated invoice has been paid in full. Indicate on Page 1 how you would like your seed returned to you. If you cannot pick up your sample from the lab, we will ship the seed to the address provided and shipping/handling charges will be added to the invoice. You may instead include a pre-paid FedEx or UPS label, or list a FedEx or UPS account number to bill.

Sample Information:

Include a completed form with each sample being sent to the lab for testing. You can submit multiple samples using a single form if most of the information is the same, using the template on Page 3.

Customers submitting Hemp for testing are required to provide their Hemp grower's or handler's license/registration number, issued by their state. Samples may not be tested or returned if the customer does not provide a valid Hemp license/registration number or verifiable authorization.

Visit <https://seedlab.oregonstate.edu/hemp> for more information on hemp seed testing.

See <https://seedlab.oregonstate.edu/hempfaq> for answers to commonly asked hemp testing questions.

Requesting Tests:

The AOSA seed testing protocols are the standard procedures for domestic seed testing in the United States. They are the default procedures for the OSU Seed Lab unless otherwise requested by the customer. For more information, refer to their website at <https://www.analyze-seeds.com>

ISTA testing or certificates should not be requested using this form. Please contact the lab at seedlab@oregonstate.edu or visit <https://seedlab.oregonstate.edu/ista> for more information on ISTA testing.

Estimated turn-around times for Purity and Germination testing can be found at <https://seedlab.oregonstate.edu/flowreport>. Current testing fees can be found at <https://seedlab.oregonstate.edu/fees>.

Contact the lab at seedlab@oregonstate.edu for additional information regarding prices and testing timelines.

****If requesting gender testing, please specify the number of seeds you would like to have tested.**

Brief description of common tests:

Purity— determines the percentage by weight of pure seed, other crop seeds, inert matter, and weed seeds in a test sample. Include an all-states noxious weed exam, which lists any noxious weed seeds found in 25,000 seeds, based on Federal all-states noxious weed seed requirements

Crop & Weed— provides a listing of all species found in a sample (minimum 25,000 seeds) and categorizes them as crop seeds or weed seeds

Germination— physiological test to determine the percentage of live seeds that produce normal seedlings under favorable germination conditions. Includes a fluorescence test for ryegrasses (*Lolium spp.*) and an ammonia test for some fine fescues (*Festuca spp.*).

Tetrazolium— indicates the percentage of viable seeds in a sample regardless of dormancy level, based on *dehydrogenase* activity in the seeds

NMR Oil, Protein, Moisture— determines percentage of oil, protein, and moisture content, using an electronic method (NMR)

Moisture— determines the percentage of moisture content in a sample, using an oven method

Accelerated Aging Test (AAT), Cold, Conductivity— see <https://seedlab.oregonstate.edu/testing-vigor>

Gender— determines the sex of seeds/seedlings by using PCR to detect whether they have the "Y" chromosome, characteristic of male plants

Others— see <https://seedlab.oregonstate.edu/customized-testing> and <https://seedlab.oregonstate.edu/industrial-hemp>



Seed Testing Order Form

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4. ADDITIONAL SAMPLES

<i>Species/Crop Kind</i>	<i>Lot Number or Unique Identifier</i>	<i>Lab Test #</i>
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