

HEMP TESTING AND POTENCY: QUICK REFERENCE GUIDE

TESTING REQUIREMENTS

The Oregon Liquor and Cannabis Commission (OLCC) and the Oregon Department of Agriculture (ODA) receive numerous questions regarding how hemp items should be sampled and tested in Oregon. The table below explains the testing requirements. These requirements depend on who manufactures the hemp item and where the item will be sold.

These requirements apply to cannabinoid hemp items. They do not apply to products made from hemp seed or hemp fiber that do not contain added cannabinoids. In the chart below:

- **OLCC market** means OLCC's adult use marijuana market.
- **Oregon general market** means products sold to consumers in Oregon outside of OLCC's adult use marijuana market (grocery stores, smoke shops, CBD stores, etc.).
- **Oregon wholesale market** means products sold to any person other than a consumer in Oregon (e.g. business to business).
- **ODA/OLCC handler** means an ODA-licensed hemp handler with an OLCC hemp certificate.

Table 1. Hemp Testing Requirements

		Intended for Sale In:			
		OLCC Market	Oregon General Market	Oregon Wholesale Market	Import/Export to/from Oregon
Manufactured By:	ODA Handler	N/A	Like Marijuana	Like Marijuana	Like Marijuana
	ODA/OLCC Handler	Like Marijuana	Like Marijuana	Like Marijuana	Like Marijuana
	OLCC Processor	Like Marijuana	Like Marijuana	Like Marijuana	Like Marijuana
	Unlicensed (in Oregon)	N/A	Like Marijuana	N/A	N/A
	Out of State manufacturer	N/A	Like Marijuana* (may use other labs)	N/A	N/A

WHAT DOES "LIKE MARIJUANA" MEAN?

These products should follow the [Marijuana and Hemp Testing](#) rules set by the Oregon Health Authority (OHA) in terms of **sampling and testing, including presenting laboratory staff with the entire batch to select representative samples.**

Any hemp item manufactured in Oregon that will be sold in Oregon must have compliance testing done by an OLCC-licensed cannabis lab. Any hemp item manufactured outside of Oregon that will be sold in Oregon must have compliance testing done by a lab accredited to the "same or more stringent" standards as Oregon licensed cannabis labs. The lab must conduct sampling and testing as described in OHA's Marijuana & Hemp Testing rules.

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OLCC's mission is to support businesses, public safety, and community livability through education and the enforcement of liquor and marijuana laws.



**OREGON
DEPARTMENT OF
AGRICULTURE**

For more information contact:

The **Oregon Liquor & Cannabis Commission:**
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HOW MUCH THC CAN A HEMP ITEM HAVE?

Hemp products sold in Oregon have two different sets of potency limits. Products sold in the OLCC market may contain a greater concentration of THC than products sold in the Oregon general market. Hemp products transferred outside of Oregon are limited to no more than 0.3% total THC.

Table 2. Hemp THC Limits

		Intended for Sale In:			
		OLCC Market	Oregon General Market	Oregon Wholesale Market	Import/Export to/from Oregon
Manufactured By:	ODA Handler	See Table 3	See Table 4	OAR 603-048-0545 (5% THC)	ORS 475C.229 (0.3% total THC)
	ODA/OLCC Handler	See Table 3	See Table 4	OAR 603-048-0545 (5% THC)	ORS 475C.229 (0.3% total THC)
	OLCC Processor	See Table 3	See Table 4	OAR 845-025-3320 (0.3% total THC)	ORS 475C.229 (0.3% total THC)
	Out of State manufacturer	N/A	See Table 4	ORS 475C.229 (0.3% total THC)	ORS 475C.229 (0.3% total THC)

Table 3. Hemp THC Limits in the OLCC Market (OAR [845-025-2760](#))

Type of Hemp Item	Maximum Total THC per Serving	Maximum Total THC per Container	Maximum Total THC Concentration
Hemp Edible	2 mg	20 mg	1%
Hemp Tincture	N/A	100 mg	1%
Usable Hemp	N/A	N/A	1%
Hemp Concentrates and Extract	N/A	100 mg	5%
Hemp Topical	N/A	N/A	0.3%
Hemp Transdermal Patch	2 mg	20 mg	1%
Other Cannabinoid Hemp Products	2 mg	20 mg	1%

Table 4. Hemp THC Limits for Sale to Adults in the Oregon General Market (OAR [845-026-0400](#) & [-0410](#))

Type of Hemp Item	Maximum Total THC per Serving	Maximum Total THC per Container	Maximum Total THC Concentration
Hemp Edible	2 mg	20 mg	0.3%
Hemp Tincture	2 mg	100 mg	0.3%
Usable Hemp	N/A	N/A	0.3%
Hemp Concentrates and Extract	N/A	N/A	0.3%
Hemp Topical	N/A	N/A	0.3%
Hemp Transdermal Patch	2 mg	20 mg	0.3%
Other Cannabinoid Hemp Products	2 mg	20 mg	0.3%

Reminder: All hemp products sold in the Oregon general market that may be sold to minors must have compliance testing that is sufficiently sensitive to show the product contains less than 0.5 mg total THC. (OAR [845-026-0300](#))