

# Understanding Marijuana Testing Requirements

All marijuana and marijuana products must pass quality assurance testing before they may be sold in a dispensary to either a registered Montana medical cardholder or an adult-use consumer. The testing requirements are identical for medical and adult-use marijuana and marijuana products.

All marijuana and marijuana products receive testing in the chart below. These tests are conducted to ensure that the products are fit for human consumption. Products pass testing requirements when their associated samples are below the assigned action level(s).



- [ARM 42.39.614 – Quality Assurance Testing Requirements.](#)
- [Quality Assurance Testing Appendix, Version 1.0, Table 4.0b](#)

## Testing Requirements:

<b>Filth &amp; Foreign Matter</b>	<ul style="list-style-type: none"><li>• Performed to ensure flower does not contain stems too large in diameter, too many seeds, or other foreign matter present (debris, dirt, etc.).</li></ul>
<b>Microbiologicals</b>	<ul style="list-style-type: none"><li>• Ensures the product does not contain mold or bacteria such as Aspergillus, STEC, or salmonella above the action levels.</li></ul>
<b>Percent Moisture</b>	<ul style="list-style-type: none"><li>• Ensures that the product's moisture level is not susceptible to mold growth.</li></ul>
<b>Mycotoxins</b>	<ul style="list-style-type: none"><li>• Ensures the product does not contain harmful substances produced by certain molds &amp; fungi.</li></ul>

<p style="text-align: center;"><b>Pesticides</b></p>	<ul style="list-style-type: none"> <li>• Ensures that if any pesticides are utilized, they are below the action levels.</li> </ul>
<p style="text-align: center;"><b>Potency</b></p>	<ul style="list-style-type: none"> <li>• Evaluates the cannabinoid content of the product, including delta-9 tetrahydrocannabinol (d9-THC).</li> </ul>
<p style="text-align: center;"><b>Residual Solvents</b></p>	<ul style="list-style-type: none"> <li>• Ensures that any extraction solvents, such as propane and butane, are below the action levels.</li> </ul>

**Unregulated marijuana and marijuana products are not required to be tested.  
They may contain substances that are unfit for human consumption.**