

## 1.37.5 Lab Test Threshold Process

### Change

A known defect currently in Leaf is that lab samples sometimes fail when they should have passed and pass when they should fail. That defect has been corrected in Release 1.37.5. Labs will continue to enter results into Leaf, but now the system will accurately reflect the passing or failing status.

### Impacted parties

- Certified marijuana testing labs (primary)
- Producers (secondary)
- Processors (secondary)
- Tribes (only if transferring product to a licensee)

### Practical Application

This change more accurately reflects the quality assurance tests and thresholds already set forth in [WAC 314-55-102](#).

There are required thresholds for products to pass before they may be transferred and/or processed into other products. The table below shows the passing/failing thresholds for products from WAC 314-55-102, WAC 314-55-108, and WAC 246.70.050.

### Compiled Definitive Threshold Test Values

FOREIGN MATTER INSPECTION:			
TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Foreign Matter Stems	PASSED	5.00%	5.01%
Foreign Matter Seeds	PASSED	2.00%	2.01%

\*The numeric values are not needed in LEAF since this is currently a PASS / FAIL test.

CANNABINOID (POTENCY ANALYSIS):			
TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
All test fields	0.000	No Max	Cannot fail

MOISTURE:			
TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Moisture Water Activity Rate	0.000	0.650	0.651
Moisture Content Percentage	0.000	15.000	15.001

<b>MICROBIOLOGICAL: <i>Unprocessed Plant Material (Flower/Trim/Fresh Frozen)</i></b>			
<b>TEST FIELDS</b>	<b>MIN. PASSING</b>	<b>MAX. PASSING</b>	<b>MIN. FAILING</b>
Bile Tolerant	0.000	10000.000	10000.001
Pathogenic E Coli	0.000	0.000	0.001
Salmonella	0.000	0.000	0.001

<b>MICROBIOLOGICAL: <i>Extracted or Processed Botanical (Concentrate)</i></b>			
<b>TEST FIELDS</b>	<b>MIN. PASSING</b>	<b>MAX. PASSING</b>	<b>MIN. FAILING</b>
Bile Tolerant	0.000	1000.000	1000.001
Pathogenic E Coli	0.000	0.000	0.001
Salmonella	0.000	0.000	0.001

<b>MYCOTOXIN: <u>Medical</u> Thresholds</b>			
<b>TEST FIELDS</b>	<b>MIN. PASSING</b>	<b>MAX. PASSING</b>	<b>MIN. FAILING</b>
Aflatoxin	0.000	19.999	20.000
Ochratoxin	0.000	19.999	20.000

<b>MYCOTOXIN: <u>Recreational</u> Thresholds</b>			
<b>TEST FIELDS</b>	<b>MIN. PASSING</b>	<b>MAX. PASSING</b>	<b>MIN. FAILING</b>
Aflatoxin	0.000	20.000	20.001
Ochratoxin	0.000	20.000	20.001

<b>SOLVENT:</b>			
<b>TEST FIELDS</b>	<b>MIN. PASSING</b>	<b>MAX. PASSING</b>	<b>MIN. FAILING</b>
Acetone	0.000	5000.000	5000.001
Benzene	0.000	2.000	2.001
Butanes	0.000	5000.000	5000.001
Cyclohexane	0.000	3880.000	3880.001
Chloroform	0.000	2.000	2.001

TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Dichloromethane	0.000	600.000	600.001
Ethyl acetate	0.000	5000.000	5000.001
Heptanes	0.000	5000.000	5000.001
Hexanes	0.000	290.000	290.001
Isopropanol (2-propanol)	0.000	5000.000	5000.001
Methanol	0.000	3000.000	3000.001
Pentanes	0.000	5000.000	5000.001
Propane	0.000	5000.000	5000.001
Toluene	0.000	890.000	890.001
Xylene	0.000	2170.000	2170.001

METAL:			
TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Arsenic (Inorganic)	0.000	10.000	10.001
Cadmium	0.000	4.100	4.101
Lead	0.000	6.000	6.001
Mercury	0.000	2.000	2.001

PESTICIDE:			
TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Abamectin	0.000	0.500	0.501
Acephate	0.000	0.400	0.401
Acequinocyl	0.000	2.000	2.001
Acetamiprid	0.000	0.200	0.201
Aldicarb	0.000	0.400	0.401
Azoxystrobin	0.000	0.200	0.201
Bifenazate	0.000	0.200	0.201
Bifenthrin	0.000	0.200	0.201

TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Boscalid	0.000	0.400	0.401
Carbaryl	0.000	0.200	0.201
Carbofuran	0.000	0.200	0.201
Chlorantraniliprole	0.000	0.200	0.201
Chlorfenapyr	0.000	1.000	1.001
Chlorpyrifos	0.000	0.200	0.201
Clofentezine	0.000	0.200	0.201
Cyfluthrin	0.000	1.000	1.001
Cypermethrin	0.000	1.000	1.001
Daminozide	0.000	1.000	1.001
DDVP (Dichlorvos)	0.000	0.100	0.101
Diazinon	0.000	0.200	0.201
Dimethoate	0.000	0.200	0.201
Ethoprophos	0.000	0.200	0.201
Etofenprox	0.000	0.400	0.401
Etoxazole	0.000	0.200	0.201
Fenoxycarb	0.000	0.200	0.201
Fenpyroximate	0.000	0.400	0.401
Fipronil	0.000	0.400	0.401
Flonicamid	0.000	1.000	1.001
Fludioxonil	0.000	0.400	0.401
Hexythiazox	0.000	1.000	1.001
Imazalil	0.000	0.200	0.201
Imidacloprid	0.000	0.400	0.401
Kresoxim-methyl	0.000	0.400	0.401
Malathion	0.000	0.200	0.201
Metalaxyl	0.000	0.200	0.201
Methiocarb	0.000	0.200	0.201

TEST FIELDS	MIN. PASSING	MAX. PASSING	MIN. FAILING
Methyl parathion	0.000	0.200	0.201
MGK-264	0.000	0.200	0.201
Myclobutanil	0.000	0.200	0.201
Naled	0.000	0.500	0.501
Oxamyl	0.000	1.000	1.001
Paclobutrazol	0.000	0.400	0.401
Permethrinsa	0.000	0.200	0.201
Phosmet	0.000	0.200	0.201
Piperonyl butoxide	0.000	2.000	2.001
Prallethrin	0.000	0.200	0.201
Propiconazole	0.000	0.400	0.401
Propoxur	0.000	0.200	0.201
Pyrethrinsbc	0.000	1.000	1.001
Pyridaben	0.000	0.200	0.201
Spinosad	0.000	0.200	0.201
Spiromesifen	0.000	0.200	0.201
Spirotetramat	0.000	0.200	0.201
Spiroxamine	0.000	0.400	0.401
Tebuconazole	0.000	0.400	0.401
Thiaclopid	0.000	0.200	0.201
Thiamethoxam	0.000	0.200	0.201