



**STATE OF HAWAII
DEPARTMENT OF HEALTH
MEDICAL CANNABIS LABORATORY CERTIFICATION**

Pursuant to Chapter 11-850
Hawaii Administrative Rules, this certification is issued to:

Spectra Analytical Laboratory

Laboratory

1150 South King Street, #PH

Address

Honolulu, Hawaii 96814

Address

Chemical Profile [Matrices: Cannabis and Manufactured Cannabis Products]

Total tetrahydrocannabinol (Total THC = D9-THC + 0.877*D9-THCA + D8-THC)
Delta 9-tetrahydrocannabinol acid (D9-THCA)
Delta 9-tetrahydrocannabinol (D9-THC)
Delta 8-tetrahydrocannabinol (D8-THC)
Cannabidiolic Acid (CBDA)
Cannabidiol (CBD)
Cannabigerol (CBG)
Cannabinol (CBN)
Tetrahydrocannabivarin (THCV)

Heavy Metals (sample minimum detection limit (MDL)) [Matrices: Cannabis and Manufactured Cannabis Products]

Arsenic (10.0 ppm)
Cadmium (4.0 ppm)
Lead (6.0 ppm)
Mercury (2.0 ppm)

Pesticides (1.0 ppm sample MDL) [Matrices: Cannabis and Manufactured Cannabis Products]

HAR 11-850-135(c)(2)(B), Table 4

Solvents [Matrices: Manufactured Cannabis Products]

HAR 11-850-135(c)(2)(C), Table 5

Visible Examination [Matrices: Cannabis and Manufactured Cannabis Products]

Any visible foreign or extraneous material, that is not intended to be part of the product being produced, including but not limited to mold, hair, insects, metal, or plastic.

Microbiological Contaminants (Not detected in one gram) [Matrices: Cannabis and Manufactured Cannabis Products]

Escherichia coli

Salmonella spp.

Aspergillus fumigatus

Aspergillus flavus

Aspergillus niger

Aspergillus terreus

Mycotoxins (sample MDL) [Matrices: Cannabis and Manufactured Cannabis Products]

Aflatoxins (total of B1, B2, G1, G2) (20 ppb)

Ochratoxin A (20 ppb)

Water Activity and Moisture Content of Cannabis [Matrices: Cannabis, Kief, and Hashish]

Water activity (a_w) <0.65

Moisture content <15%

This certification is granted on the express condition that it may be suspended or revoked for any of the causes enumerated in Section 11-850-136, Hawaii Administrative Rules.

Effective Date: July 31, 2025

Expiration Date: July 30, 2026



(for) DIRECTOR OF HEALTH