metrc®

Test Facility
Order Number

license number

State

1A4000000000000000000003

CERTIFIED
metrc®

CANNABIS

CANNABIS

Anatomy of
an RFID Tag

True visibility

Metrc's proprietary radio-frequency identification (RFID) plant tags are reliable, resilient, and data-rich to drive efficient regulatory compliance and optimize business and cultivation processes.

Due to its ability to provide a large volume of information in a short amount of time when scanned, RFID is the leading technological offering capable of capturing enough data to secure a supply chain on its own. When this technology is combined with individual plant tagging, businesses gain the ability to assign a unique digital identity (or "digital twin") to identify, authenticate, track, sense, and engage with each plant seamlessly.

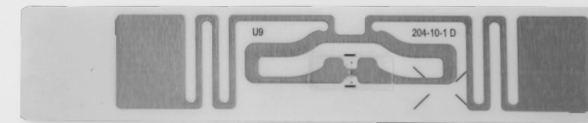Note: Information on tag picture is not actual facility data

Features

Each tag is fitted with electronic chips that carry proprietary coding about the plants they are assigned to, and this embedded data is mirrored in Metrc's database. Each tag also includes supplemental information unique to each licensed business:

1. Facility Name: Located at the top of the tag and pre-printed prior to shipment

2. Order Number: Associated with tag orders placed through Metrc*

3. Facility License Number (Facility ID): Denotes the ID issued once a business is licensed to operate**

4. Location: Physical location of the regulated environment, such as a state, district, or territory

5. Hex ID: An assigned alpha-numeric unique identifying number (UID) used to locate the associated tracked item within the Metrc system

6. Barcode: An alternative way to access information contained on the RFID tag, this feature can be used in conjunction with the dynamic location-based capabilities of the RFID solution

7. Product classification: Located along the edge of the tag, cannabis is tagged and classified in Metrc in the following ways: Cannabis (Blue) — which is often referred to as adult use — Medical (Yellow), and Hemp (Pink)

RFID Inlay

Encased within the non-toxic, 100% recyclable polylith outer layer is the RFID inlay, which stores the unique ID for each plant and links to plant data.

Tag Strap

The Metrc strap, now made with sustainable materials, is used with plant tags to properly tag and identify individual plants within the vegetative or flowering phases. It is recommended to securely fasten the tag and strap, like a zip tie, to the lowest branch at the bottom of the stalk. The tag should be exposed and clearly visible for maximum effectiveness.

Unmatched advantages

Efficiency

- Real-time product status, tracking, and location data to ensure a strong chain of custody with accurate, easily verifiable data

- Metrc RFID tags are passive, meaning they do not require an integrated energy supply

- Turnkey scanning lets regulators track, verify, and record information on dozens of plants in seconds; Industry users utilizing an RFID Integrator can realize these same benefits

Security

- Carries up to 100x more data than 20-character limit barcode systems

- Nearly impossible to counterfeit, unlike barcodes

- Quick location of misplaced plants or packages

Durability

- Shelf life of up to one year

- Waterproof and resistant to high temperatures and chemical exposure

"The (RFID tag) technology allows a cultivation manager (or state auditor) to audit an entire facility in about 20 minutes instead of twenty hours. What's even better is the ability to automatically record and document weights for compliance tracking when cannabis plants are harvested—one of the most labor-intensive and time-consuming processes in the cultivation cycle." – Jeremy O'Keefe, Founder and CEO, Yobi

*Metrc Support will require this number when addressing any potential issue with a tag order.

**If a business operates in multiple physical locations, each will require a unique facility ID.

For more information visit metrc.com
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Coming soon:
New, more sustainable tags made from recycled and ethically sourced materials.