

QTA® RAPID ON-SITE HEMP TESTING



QTA®: A Powerful Tool for Hemp Quality and Yields

Eurofins QTA® provides tailored QTA® solutions for the Hemp industry. Our patented system utilizes near-infrared technology to non-destructively scan and process samples, on-site in a 60-second test cycle with little to no sample preparation and training.

The QTA® solution combines NIR technology and advanced modeling techniques into a user-friendly system providing results in real-time. QTA® provides the technical development, configuration, management, and monitoring that enables accurate testing by non-technical personnel, allowing cultivators flexibility in their operations.

Manage Risk and Promote Value

- Reduce product hold times and increase yield
- Ensure in-spec production
- Rapid, real-time screening at every stage:
 - o In-coming ingredient verification
 - o Process control monitoring (both at-line and in-line)
 - o Finished product potency
- Rugged system engineered for optimal operations in plant environments and in the field
- Minimal sample preparation required
- Non-destructive sample testing
- No reagents needed

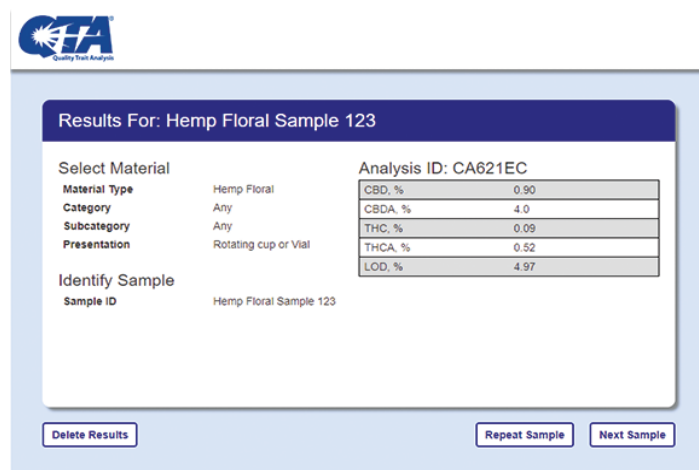


Why QTA®

- A complete customized solution that provides instruments, patented calibrations, and robust data management services
- Quantitative analysis and material identification
- Exclusive methods based on an expansive database and Eurofins credible wet chemistry portfolio

QUALITY TESTING IN 60 SECONDS

QTA® User Interface



The screenshot displays the QTA User Interface for 'Hemp Floral Sample 123'. It includes a 'Select Material' section with fields for Material Type (Hemp Floral), Category (Any), Subcategory (Any), and Presentation (Rotating cup or Vial). An 'Identify Sample' section shows the Sample ID as 'Hemp Floral Sample 123'. An 'Analysis ID' of 'CA621EC' is displayed above a table of results: CBD, % (0.90), CBDA, % (4.0), THC, % (0.09), THCA, % (0.52), and LOD, % (4.97). At the bottom are buttons for 'Delete Results', 'Repeat Sample', and 'Next Sample'.

- After contacting QTA® at 1-866-yourQTA, we will develop a testing package for your specific analysis needs.
- An instrument will be installed on-site and you will be able to begin using the QTA® solution.
- As part of our package, QTA® provides 24/7 technical support, instrument training for all users, on-site installation, validation testing, data management and model updates.

QTA® Testing Capabilities for Hemp

Extracts/Mother Liquors

Trait	Range, %	R2	SEP, %
CBC, %	1.75-6.048	98.4	0.23
CBD, %	38.31-77.46	99.2	1.52
CBDA, %	0.00-2.26	95.1	0.16
CBDV, %	0.17-0.8825	88.8	0.09
CBN, %	0.0525-1.505	96.3	0.05
THC, %	1.28-7.485	98.9	0.19
THCA, %	N/A	N/A	N/A

Hemp/Floral

Trait	Range, %	R2	SEP, %
CBC, %	0.00-0.73	94.67	0.06
CBD, %	0.19-10.25	98.54	0.4
CBDA, %	0.00-6.02	94.8	0.3
CBDV, %	0.01-0.18	92.19	0.01
CBN, %	0.00-0.08	85.79	0.01
THC, %	0.00-0.38	92.97	0.03
THCA, %	0.00-0.12	67.45	0.01