eurofins | Experchem

QTA® RAPID ON-SITE CANNABIS TESTING

QTA®: A Powerful Tool for Cannabis Quality and Yields

Eurofins Experchem, a GMP Health Canada approved cannabis product testing facility, provides tailored QTA® solutions for the cannabis 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:
  - In-coming ingredient verification
  - Process control monitoring (both at-line and in-line)
  - 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

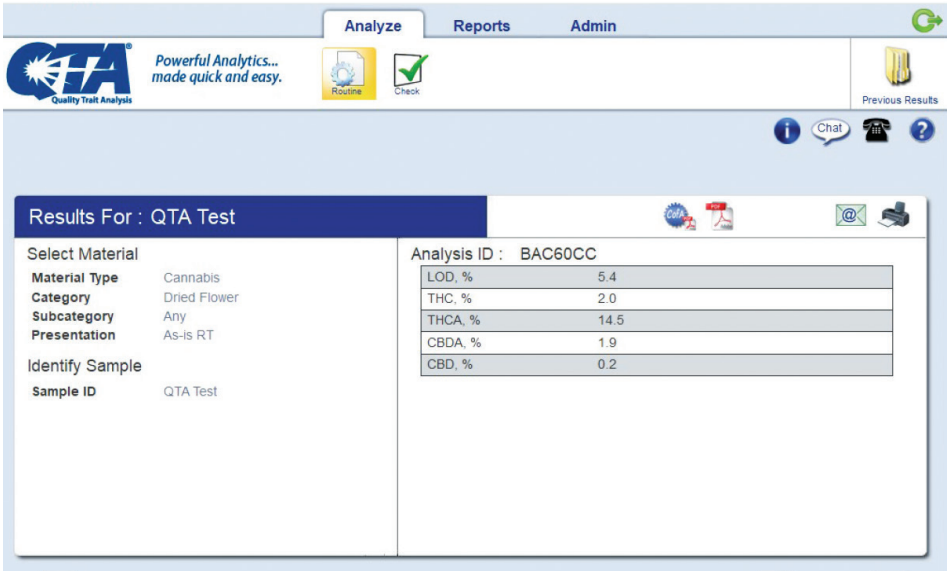
Why QTA®

- 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

www.eurofins.ca | 1-866-610-5576 | help@qta.com

QUALITY TESTING IN 60 SECONDS

QTA® User Interface



- After contacting QTA® ,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 Cannabis

Cannabis Type	Trait, %	Range, %	SEP, %
Floral	CBD	0.00-3.99	0.13
	CBDA	0.04-17.43	0.38
	Total CBD	0.00– 15.45	0.41
	THC	0.04-13.66	0.40
	Low Level THC	0.03 - 0.37	0.06
	THCA	0.00-28.66	1.20
	Total THC	0.32 – 25.93	1.20
	LOD (Moisture)	3.93 – 13.27	1.00
Oil / Blended Product	CBD	0.00002-2.75	0.03
	CBDA	0.00-0.82	0.01
	THC	0.07-2.74	0.04
	THCA	0.00-0.05	0.01
Resin / Extract	CBD	0.00 – 38.6	0.20
	CBDA	0 .00– 7.62	0.07
	THC	0.07 – 65.39	0.55
	THCA	0.01 – 22.06	0.15