rpc
SCIENCE & ENGINEERING

LEADERS IN CANNABIS SCIENCE

RPC has been supporting the cannabis industry for 10+ years by providing industry-leading analytical services as well as assisting licensed producers (LPs) with research, genetics, process improvement and automation.

CANNABIS EXPERTISE

HEALTH CANADA BATCH RELEASE TESTING

- Potency - 17 cannabinoids
- Mycotoxins (Aflatoxins and Ochratoxin A)
- Trace Metals
- Pesticides
- Microbiological Analyses
  - Total aerobic microbial/bacterial count (TBC)
  - Total yeast and moulds count (TYMC)
  - Bile-tolerant gram-negative bacteria (BTGN)
  - *Escherichia coli*
  - *Salmonella*
  - *Staphylococcus aureus*
  - *Pseudomonas aeruginosa*
- Foreign Material
- Moisture
- Residual Solvents in extracts

Note:
Standard turnaround for all batch release testing is 5 business days.

OTHER ANALYTICAL OFFERINGS

- Trace Cannabinoids (19) by LCMS
- Terpenes
- *Aspergillus spp.* (*fumigatus*, *flavus*, *niger*, *terreus*) in extracts
- Bacterial Endotoxin in extracts
- Water Activity

OTHER CAPABILITIES

RPC also offers expertise in:

- Applied research (i.e. development of analytical methods, stability studies, cannabis smoke/aerosol analysis)
- Process development (extraction, isolation, etc.)
- Genetics and omics research
- Indoor air quality including spore trap analysis
- Food chemistry/nutritional analysis for development of edibles
- Factory simulation (digital twin)
- On-site automation assessments
- Process automation and vision inspection

ACCREDITATIONS

RPC's cannabis group holds ISO17025 accreditation for all of Health Canada's batch release required analyses as well as many others.
RPC scope of accreditation: *https://www.scc.ca/en/accreditation/inspection-bodies/new-brunswick-research-and-productivity-council*

CONTACT

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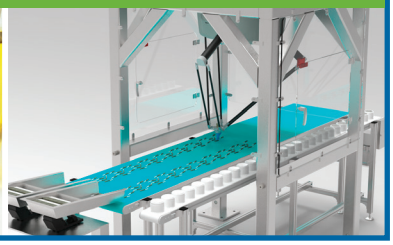
Read our white paper comparing legal and illicit sources of cannabis and cannabis products,
"Analysis of Illicit and Legal Cannabis Products for a Suite of Chemical and Microbial Contaminants - A Comparative Study".



RPC's Quality Management System is registered to ISO 9001:2015.

04/23