

caspo

2020 MEMBER PROSPECTUS

AOAC
INTERNATIONAL

Cannabis Analytical
Science Program

®



AOAC CASP OBJECTIVES

- Facilitate a forum where the science of cannabis and hemp analysis can be discussed
- Provide a home for the development and maintenance of cannabis standards and methods.

BUILDING ON OUR FOUNDING YEAR

The **Cannabis Analytical Science Program (CASP)** was successfully launched in early 2019 and is already considered a world-class science program by the cannabis and hemp analytics community.

The CASP Advisory Panel formed three working groups in 2019 with focus areas in: microbiology, chemical contaminants, and cannabinoids. **Initial priorities for 2020** have been identified as: Shiga toxin-producing *Escherichia coli* (STEC) and *Salmonella* spp.; Heavy Metals in Cannabis; and Dry Weight in plant materials.

The CASP Advisory Panel also authorized the formation of an **Education and Training working group to launch in 2020**. The Education and Training working group will recommend subject matter and assist in development of education and training courses as well as recommend venues for outreach

Standard Method Performance Requirements (SMPRs®)

SMPR 2017.001

Cannabinoids in Cannabis Concentrates

SMPR 2017.002

Cannabinoids in Dried Plant Materials

SMPR 2017.019

Cannabinoids in Chocolate

SMPR 2018.011

Pesticides in Cannabis

SMPR 2019.001

Aspergillus Detection in Cannabis

SMPR 2019.002

Residual Solvents in Dried Cannabis Materials

SMPR 2019.003 *

Cannabinoids in Hemp Plant Materials

AOAC Official Methods of Analysis™

AOAC 2018.10

Cannabinoids in Dried Flowers and Oil

AOAC 2018.11

Cannabinoids in Cannabis Dried Plant Materials and Concentrates, and Oils

*USDA Domestic Hemp Production Program

Interim Final Rule Specifies AOAC SMPR® 2019.003 in Testing Guidelines (issued Oct 31, 2019)

CASP 2020 Goals

- Develop and adopt **6** cannabis/hemp-focused *SMPRs*
- Form **3** Expert Review Panels to consider cannabis methods.
- Review **3** candidate cannabis *Official Methods*.
- Review **3** candidate *Performance Tested Methods*.
- Launch Education/Training Working Group.
- Develop standard for determination of “dry-weight”.

CASP CAPABILITIES

- Forum to reach consensus for science-based problems, i.e., product / commodity specific guidelines, speciation, best practices
- *Standard Method Performance Requirements (SMPRs)*
- *Performance Tested Methods (PTM) and Official Methods of Analysis (OMA)*
- Proficiency testing
- Identify reference materials (TDRM)
- Training workshops

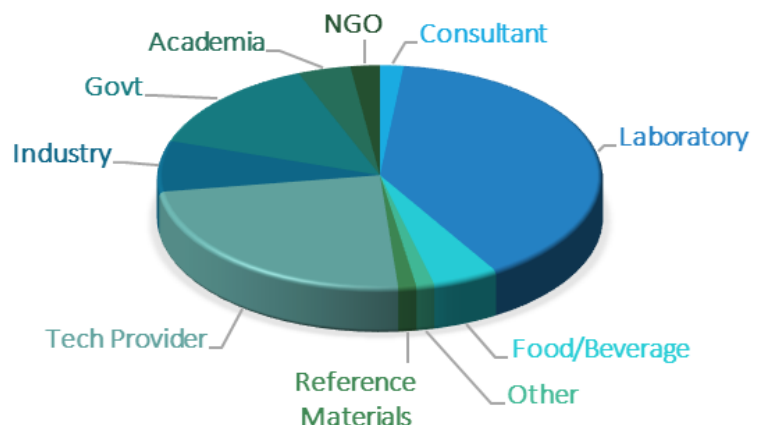
| AOAC/CASP Working Groups & Priority Subtopics | | AOAC Programs | | | |
|---|----------------------|---------------|---------------------|----------------------|-----------------------------------|
| | | SMPRs | Methods of Analysis | Education & Training | Guidelines Accreditation Criteria |
| Microbiology | Aspergillus/cannabis | ✓ | 2020 | 2020 | |
| | STEC | 2020 | | | |
| | Salmonella | 2020 | | | |
| | Listeria | | | | |
| Chemical Contaminants | Pesticides | ✓ | 2020 | | |
| | Residual solvents | ✓ | 2020 | 2020 | |
| | Heavy metals | 2020 | | | |
| | Mycotoxins | | | | |
| Cannabinoids in Consumables | Hemp | ✓ | 2020 | 2020 | |
| | Personal Care | | | | |
| | Extracts | | | | |
| | Dry weight | 2020 | | | 2020 |
| | Veterinary products | | | | |
| Education | TBD | | | 2020 | |

✓ Objectives Completed in 2019

BENEFITS FOR YOU

You will participate in the development of **standards for hemp and cannabis methods**. Standards are used by method developers to submit methods, and by AOAC to evaluate methods so that resulting *Performance Tested Methods* and *Official Methods of Analysis* are fully validated to the high standards of AOAC INTERNATIONAL and **meet the analytical needs of the community**. AOAC may also offer use of a specially designed AOAC CASP certification mark. These AOAC-adopted reference methods will result in reliable data to **support effective compliance-driven quality control of products** and **enhance public health**.

2019 CASP MEETING PARTICIPANTS



WHAT AOAC IS ASKING OF YOU*

CASP Pioneer - \$10,000

CASP Partner - \$5,000

CASP Affiliate - \$2,500

There are three levels of CASP annual membership: Pioneer, Partner or Affiliate. This allows organizations of various sizes and resources to participate. All levels offer participation on the CASP Advisory Panel, which meets quarterly to review progress and rank priorities for the overall program. Other member benefits will vary by tier and may include: name and logo in AOAC communications and outreach, discounts on AOAC services, and access to standing groups of technical experts. Pioneers receive discounts on AOAC Consulting Services and use of the CASP Logo in your related communication underscoring your leadership in the AOAC CASP Program.

| Join Our 2020 CASP Members... | | |
|-------------------------------|--|---------------------------------------|
| Pioneer | Association of Food and Drug Officials | Applied Food Sciences |
| | R-Biopharm AG | Bio Rad |
| | PerkinElmer | Industrial Labs |
| | Titan Analytical | TEQ Analytical |
| | MilliporeSigma | Supra R & D |
| | SōRSE Technology | Materia Medica Laboratories |
| | ABC Testing | |
| Partner | Eurofins Scientific | CV Sciences |
| | Deibel Bioscience | |
| | | |
| Affiliate | Charm Sciences | Crystal Diagnostics |
| | CEM Corporation | SC Labs |
| | Canopy Growth Corporation | BIOTECON Diagnostics |
| | Hygiena | Institute of Food Technologists (IFT) |
| | Alkemist Labs | Medicinal Genomics |

CONTACT INFORMATION

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¹NOTE: AOAC INTERNATIONAL cannot accept funding from any organization involved in the cultivation, manufacture, distribution or possession of cannabis as long as it is illegal in the US. (view complete policy: [AOAC Policy on Funding CASP 8/26/2018](#))