

# caspo

AOAC  
INTERNATIONAL

Cannabis Analytical  
Science Program

## 2022 MEMBER PROSPECTUS



### CASP OBJECTIVES

- Facilitate a forum for the science of cannabis and hemp
- Provide a home for the development and maintenance of cannabis standards and methods

### STAKEHOLDERS

- Laboratories
- Method Developers
- Academia
- Associations
- Federal Regulatory Agencies
- State Governments
- Industry

## BUILDING ON PREVIOUS ACCOMPLISHMENTS

The **Cannabis Analytical Science Program (CASP)**, launched in early 2019, is considered a world-class science program by the cannabis and hemp analytics community. Members of CASP lead the scientific community in cannabis standards development for regulatory and private sector labs. The table below illustrates the wide range of topics addressed by CASP stakeholders and notable achievements from the past 3 years.

| AOAC CASP Priority Subtopics |                               | Completed Deliverables  |                            |                              |            |                     |
|------------------------------|-------------------------------|---|----------------------------|------------------------------|------------|---------------------|
|                              |                               | SMPRs®  | Performance Tested Methods | Official Methods of Analysis | Guidelines | Proficiency Testing |
| Microbiology                 | Aspergillus                   | ✓   | ✓                          |                              |            | 2022                |
|                              | E. Coli (STEC)                | ✓   | ✓                          |                              |            | 2022                |
|                              | Salmonella                    | ✓   | ✓                          |                              |            | 2022                |
|                              | Listeria                      |   |                            |                              |            | 2022                |
|                              | Yeast & Mold                  | ✓   | ✓                          | ✓                            |            | 2022                |
| Chemical Contaminants        | Pesticides                    | ✓   |                            |                              |            | ✓                   |
|                              | Residual Solvents             | ✓ <sup>1</sup>  |                            |                              |            |                     |
|                              | Mycotoxins                    | ✓   |                            |                              |            | ✓                   |
|                              | Heavy Metals                  | ✓   |                            | ✓                            |            | ✓                   |
| Cannabinoids                 | Concentrates                  | ✓   |                            | ✓                            |            |                     |
|                              | Extracts                      | ✓   |                            |                              |            |                     |
|                              | Dried Plant Material          | ✓   |                            | ✓                            | ✓          | ✓                   |
|                              | Hemp (low THC)                | ✓   |                            | ✓                            |            | ✓                   |
|                              | Cannabis >0.3% THC            |   |                            |                              |            | ✓                   |
|                              | Edible Chocolate              | ✓   |                            | ✓                            |            |                     |
|                              | Infused Beverages             | ✓   |                            |                              |            |                     |
| Laboratory Accreditation     | Dietary Supplements           | 2022  |                            |                              |            |                     |
|                              | ISO 17025/IEC 17025 Resources |   |                            |                              | 2022       |                     |
| Sample Future Priorities     | Veterinary Products           | Work Items identified and prioritized annually by CASP Advisory Panel members |                            |                              |            |                     |
|                              | Terpenes                      |   |                            |                              |            |                     |
|                              | Emergency Response            |   |                            |                              |            |                     |

SMPRs available on [www.aoac.org](http://www.aoac.org); Official Methods of Analysis available on [www.eoma.aoac.org](http://www.eoma.aoac.org)

<sup>1</sup>SMPR 2019.003 specified in USDA Domestic Hemp Production Program Final Rule published January 19, 2021 ([Doc. N. AMS-SC-19-0042SC19-990-2 FR](https://www.federalregister.gov/documents/2021/01/19/2021-01444-domestic-hemp-production-program-final-rule))

## Coming Soon

**Proficiency Testing Program Launch Q4 2022** (cannabinoids, terpenes, moisture, pesticides, heavy metals, and mycotoxins) [[more info...](#)]

**ALACC Cannabis Appendix** in the [AOAC Accreditation Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals](#), An Aid to Interpretation of ISO/IEC 17025:2017

## 2022 CASP Goals

- Maintain **3** working groups on: micro, chemical, and training priorities
- Convene **2** public stakeholder meetings
- Develop and adopt **3** cannabis/hemp-focused *SMPRs*
- Convene **3** Expert Review Panels for the review and adoption of *Official Methods of Analysis*
- Design and host **3** online training webinars
- Launch of newly developed cannabis proficiency testing programs

## JOIN THE ADVISORY PANEL<sup>1</sup>

The CASP Advisory Panel (AP) is comprised of program supporters who meet quarterly to rank priority work items and monitor progress of the overall program.

AP members are at the forefront of establishing the standards used by method developers, and by AOAC to evaluate methods so that resulting Performance Tested Methods and *Official Methods of Analysis* are fully validated and meet the analytical needs of the community. These AOAC adopted reference methods will result in reliable data to support effective compliance-driven quality control of products and enhance public health.

Join the CASP AP today -- your investment will help ensure the best available science drives public health policy and regulation.

## CONTACT INFORMATION

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## CASP CAPABILITIES

- Forum to reach consensus on science-based issues, i.e., product / commodity specific guidelines, speciation, best practices, sampling
- *Standard Method Performance Requirements (SMPRs)*
- *Performance Tested Methods (PTM) and Official Methods of Analysis (OMA)*
- Accredited proficiency testing program
- Reference materials expertise (TDRM)
- Training workshops

### 2022 CASP Advisory Panel Members

| PIONEER                              |   |
|--------------------------------------|---|
| Deibel Bioscience                    | MilliporeSigma                              |
| SörSE Technology                     | Supra Research & Development                |
| PARTNER                              |   |
| Association of Food & Drug Officials | Eurofins Scientific                         |
| AFFILIATE                            |   |
| CEM Corporation                      | Canopy Growth Corporation                   |
| Hygiena                              | Antylia                                     |
| Meter Group                          | PSI Labs                                    |
| Q Laboratories                       | Medicinal Genomics                          |
| HORIBA Scientific                    | PerkinElmer                                 |
| GOVERNMENT                           |   |
| MD Department of Agriculture         | University of CA, Skaggs School of Pharmacy |
| NV Cannabis Compliance Board         |   |

| Annual Dues & Benefits | Voting Advisory Panel Member | Method Validation Training Course* | AOAC PTM Application Fee Discount** | Proficiency Testing Program Discount*** | AOAC PTM Consulting Services | Use of AOAC CASP Logo |
|------------------------|------------------------------|------------------------------------|-------------------------------------|---|------------------------------|-----------------------|
| Pioneer \$10,000       | •                            | 20%                                | 10%                                 | 10%                                     | \$1,000 discount             | •                     |
| Partner \$5,000        | •                            | 10%                                | 5%                                  | 5%                                      |                              |                       |
| Affiliate \$2,500      | •                            | 5%                                 | 2.5%                                |   |                              |                       |
| Government \$1,000     | •                            | free                               |                                     |   |                              |                       |

Benefits offered as discounts off retail price for the current year

\**Training discount applicable for a maximum of 2 registrations per organization*

\*\**PTM discounts may be combined with other RI benefits, up to 5 applications*

\*\*\**PT discount applicable to any program, up to 25 enrollments*

To join CASP, please contact:

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<sup>1</sup>NOTE: 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](#))