To apply for A2LA accreditation for cannabis testing, each applicant is required to identify the test/test technology and list of standard test methods or internally developed methods (by designation and title) for which accreditation is sought on Table A below. Please list the specific analytes, materials, etc. being tested for with each test. See table A below for examples including specific cannabinoids, heavy metals, residual solvents, and mycotoxins being tested for.

In addition, please identify the types of products and materials you perform such analyses on Table B below). This will ensure that an assessor’s technical expertise is correctly matched to the testing that your laboratory performs and enables A2LA staff to generate the desired draft Scope of Accreditation.

Refer to the example proposed scope of accreditation (0000.01) on the next page for reference when entering the required information in tables A and B. Submission via electronic means is preferred.

**Table A**

Test Type/Technology: Test Method:

|  |  |
| --- | --- |
| e.g. Cannabinoid Profile/Potency by HPLC: THC, THCA, CBD, CBDA, CBG, CBN | USP <467> (modified) |
| Heavy Metal Analysis by ICP/MS: Arsenic, Cadmium, Lead, Mercury | SOP 1234 |
| e.g. Residual Solvents by GC/MS: Acetone, Benzene, Chloroform, Ethyl Acetate, Ethyl Oxide, Pentane Propane, Toluene | ASTM D4898 (modified) |
| e.g. *Escherichia coli* by Petrifilm | FDA BAM Ch. 3 (modified) |
| Mycotoxins by LCMS: Aflatoxin B1, B2, G1, G2, and Ochratoxin A | SOP 1235 |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| **Please attach sheet(s) for additional tests** | |

## Table B

Types of products and materials that the laboratory tests:

|  |
| --- |
| e.g. cannabis, hemp, tinctures, oils, edibles, concentrates |

# *PROPOSED SCOPE OF ACCREDITATION*

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EXAMPLE DRAFT SCOPE LABORATORY

12345 Main Street

*Identify the product(s) and/or materials on which you perform testing.*

Frederick, MD 21704

John Doe Phone: 555 555 5555

CHEMICAL

Valid To: MM DD, YYYY Certificate Number: 0000.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following test on cannabis, cannabis infused food products, and hemp:

|  |  |
| --- | --- |
| Test(s)/Technology: | **Test Method(s):** |
| **Chemical** |  |
| Cannabinoid Profile/Potency by HPLC: THC, THCA, CBD, CBDA, CBG, CBN | Internal Method 123 |
| Terpenes by GC/MS, FID: Humulene, Limonene, Myrcene, Terpineol | EPA 8270D (modified) |
| Residual Solvents by GC/MS: Acetone, Benzene, Chloroform, Ethyl Acetate, Ethyl Oxide, Pentane Propane, Toluene | Internal Method 456 |
| Heavy Metal Analysis by ICP/MS: Arsenic, Cadmium, Lead, Mercury | SOP 1235 |
| Moisture Content – Loss on Drying | SOP 1236 |
| Water Activity by Water Activity Meter | SOP 1237 |
| Foreign Material by Visual Inspection | SOP 1238 |
|  |  |
| **Biological** |  |
| Aerobic Plate Count by Petrifilm | SOP 1239 |
| Yeast and Mold by Petrifilm | SOP 1240 |
| Total Coliforms by Petrifilm | SOP 1241 |
| *Escherichia coli* by Petrifilm | USP <62> (modified) |
| *Salmonella* by Petrifilm | USP <62> (modified) |

**\***Please note that a laboratory can be accredited to in-house procedures/test methods in combination with or in lieu of internationally recognized test methods.

\*\* Please note that to be considered for accreditation, a copy of each selected test method and the requisite equipment must be available at the laboratory.

**DOCUMENT REVISION HISTORY**

|  |  |
| --- | --- |
| **Date** | **Description** |
| 01/05/19 | * Integrated into Qualtrax |
| 07/24/19 | * Revised Table A and Table C * Included additional instructions for completing Table A |
| 09/20/19 | * Updated Header/Footer to current version * Updated format and font for consistency |
| 09/29/20 | * Non-editorial grammatical changes * Revised test methods in table A and the proposed scope of accreditation to remove non-modified standard methods. * Revised technologies listed in table A and the proposed scope of accreditation. |