Washington State Department of Agriculture

Cannabis Laboratory Analysis Standards Program
(509) 517-5436
cannabis@agr.wa.gov

Request for Cannabis Testing Method Approval

This form is for the application, review, and approval of accredited cannabis testing methods. By applying for method approval, you understand all of this information will enter into the public domain and any approved methods will be published by the department.

The initial method review and approval may take 30 days. The department may request revisions, clarifications, and/or additional data to review the method. Laboratories will receive notification via email about the status of the method.

Instructions: Complete the first page of this document with laboratory and method specific information. Compile and send method validation data via .pdf format. File size cannot be more than 35MB. Files can also be shared via a link, if necessary. Any questions or follow-up may be directed to the email address below.

Please send a copy of the completed first page and the method validation data to cannabis@agr.wa.gov.

Laboratory		
Laboratory Name	Lab Number	Date
Scientific Director	Email	
Method		
Type ☐ Cannabinoids ☐ Pesticides ☐ Residual Solvents ☐ Heavy Metals		
Method Name	Extraction Method	
Instrument Type	Detector Type	
Comments		

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Information collected by WSDA becomes a public record and may be disclosed unless exempted by federal or state law.

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Standard Operating Procedure

- ☐ Title that identifies the activity or procedure.
- ☐ Scope and principle.
- ☐ Sample requirements.
- ☐ Calibration and control preparation and usage protocol.
- ☐ Instrumentation, equipment, materials, and supplies used.
- ☐ Instrument settings, data acquisition, system operation, parameters, and conditions for testing.
- ☐ Procedure for sample preparation and testing.
- ☐ Results review and acceptability.
- ☐ Additional information such as notes, safety requirements, and precautions; includes calculations, interferences, limitations, background corrections, and proper disposal of lab waste including biohazardous waste and cannabis waste compliant with WAC 314-55-097.
- ☐ References.

Validation Data

- ☐ **Accuracy** – Multiple days and in multiple batches to assess intra-batch and inter-batch variability. May use same data as Precision.
- ☐ **Precision** – At least 3 replicates at each concentration. Total results ≥20/day. Multiple days and in multiple batches to assess intra-batch and inter-batch variability.
- ☐ **Linearity** – 3 replicates of at least 6 concentrations. At least 1 below decision point.
- ☐ **Limit of Detection (LOD)** – 3 replicates at each concentration. May set LOD at LOQ if LOQ is at least 25% below decision point.
- ☐ **Limit of Quantitation (LOQ)** – 3 replicates at each concentration. Must be at least 25% below decision point.
- ☐ **Upper Limit of Linearity (ULOL)** – 3 replicates at each concentration.
- ☐ **Carryover** – High positive samples followed by negative sample.
- ☐ **Day to Day Precision** – Positive and negative samples over 5 days evaluating reproducibility.
- ☐ **Selectivity/Interference** – Investigate commonly encountered compounds that are structurally similar that could interfere at higher concentrations.
- ☐ **Matrix Effect** – Investigate different sample matrix for suppressed or enhanced ionization for the analytes of interest and internal standards.
- ☐ **Extraction Efficiency** – Investigate the efficiency of the extraction method.

Department Review and Approval

Reviewer #1 Signature		Printed Name	Date
Reviewer #2 Signature		Printed Name	Date
Approved ☐ Yes ☐ No	Signature	Printed Name	Date
Comments			