WAC 16-309-210 Pesticide testing. (1) Pesticide testing is intended to accurately quantitate and report pesticides incurred through the production and processing of cannabis and cannabis products.

(2) Pesticide standards and stock solutions must be prepared in an area separate from samples.

(3) Laboratories must use a method approved by the department to analyze pesticides.

(4) Laboratories must limit batch size to 20 samples in a preparation batch not including quality controls.

(5) ICV, CCV, and surrogate must meet a minimum of 70 - 130 percent recovery for each analyte.

(6) LCS and matrix spike samples must meet a minimum of 70 - 130 percent recovery for each analyte.

(7) Sample and matrix duplicates must have a relative percent difference (RPD) value of less than 20 percent.

(8) Mass spectrometry confirmation criteria.

(a) A minimum of three structurally significant ions (meeting the three to one signal to noise ratio) are required for confirmation. If instrument conditions or ionization techniques limit the number of ions available, the laboratory may request a deviation from the department in order to report results under these conditions.

(b) The confidence limits of the relative abundance of structurally significant ions and precursor-to-product ion transitions used for single ion monitoring and multiple reaction monitoring must be ± 30 percent (relative) when compared to the same relative abundances observed from a standard solution injection made during the same analytical run.

[Statutory Authority: RCW 15.150.030 and 2022 c 135. WSR 24-09-079, § 16-309-210, filed 4/17/24, effective 5/18/24.]