



STATE OF WASHINGTON  
WASHINGTON STATE PATROL

2203 Airport Way South, Suite 250 • Seattle, WA 98134-2045 • (206) 262-6020 • [www.wsp.wa.gov](http://www.wsp.wa.gov)

November 19, 2020

Subject: Millipore Sigma/Cerilliant Quality Notice and THC Measurement Uncertainty Update

On October 23, 2020, the WSP Toxicology Laboratory received written notification from Millipore Sigma/Cerilliant informing customers of an issue impacting one of its products; Delta-9-THC (THC) Certified Reference Material, Lot Number FE08221804. The laboratory purchases certified reference materials from Millipore Sigma/Cerilliant as stock solutions, from which calibrators and controls are prepared. THC calibrators and/or controls prepared from this lot number of stock solution were used for the identification and quantitation of THC in forensic casework from July 31, 2019 through November 16, 2020.

In the notification, Millipore Sigma/Cerilliant confirms that the certified concentration of this THC Certified Reference Material remains the same as is listed on the original certificate of analysis; however, the measurement uncertainty value for this lot has increased. As a result, the WSP Toxicology Laboratory has updated the measurement uncertainty for THC results reported from testing performed in the above time frame, where working standards sourced from lot number FE08221804 were used.

The uncertainty for THC results, as listed on the Toxicology Test Report, represents a measurement uncertainty of 26% (coverage factor  $k=3$ , 99.7%). For THC testing performed July 31, 2019 through November 16, 2020, with standard solutions sourced from lot number FE08221804, the measurement uncertainty for THC results is 31% (coverage factor  $k=3$ , 99.7%).

The laboratory is in the process of compiling a table which will include the list of affected cases, reported THC results, and the updated uncertainty for those results. Once completed, the table will be posted on the WSP Toxicology Laboratory website <https://wsp.wa.gov/forensics/toxicology.htm> and distributed to customers. Pending distribution of the table, requests for updated uncertainty for individual cases may be submitted by email, to [toxlab@wsp.wa.gov](mailto:toxlab@wsp.wa.gov).

The WSP Toxicology Laboratory has purchased THC Certified Reference Materials with different lot numbers, and replacement THC calibrator and control materials were put in use for casework testing on November 16, 2020. The THC measurement uncertainty



Subject: Millipore Sigma/Cerilliant Quality Notice and THC Measurement Uncertainty Update  
Page 2  
November 19, 2020

remains at 26% (coverage factor  $k=3$ , 99.7%) for testing performed with calibrator and control materials which were not sourced from lot number FE08221804.

Please contact the WSP Toxicology Laboratory via email at [toxlab@wsp.wa.gov](mailto:toxlab@wsp.wa.gov) or call 206-262-6100 with any questions.

Sincerely,



Dr. Fiona J. Couper  
Toxicology Laboratory Division