

## **New Target Analyte to be Added to the Sampling and Testing Technical Guidance for Marijuana Products**

The purpose of this technical bulletin is to inform the marijuana industry that the Cannabis Regulatory Agency (CRA) will add MCT (medium-chain triglyceride) oil as a target analyte for marijuana vape products as part of the Sampling and Testing Technical Guidance for Marijuana Products, effective October 1, 2024.

### **R 420.305 (3)(i) Testing; laboratory requirements.**

“Target Analyte” is defined as non-marihuana inactive ingredient designated for analysis.

Vitamin E Acetate and Medium Chain Triglycerides (MCTs) have been identified as target analytes by the CRA. All vape cartridges must be tested for Vitamin E Acetate and MCT analytes.

**Table 5. Target Analytes for Marihuana Products Intended for Inhalation.**

<b>Target Analyte</b>	<b>(CAS) Number</b>	<b>LOQ (ppm)</b>
<b>Vitamin E Acetate</b>	58-95-7	100
<b>Medium Chain Triglycerides</b>		
Glycerol tricaprionate (C6)	621-70-5	100
Glycerol tricaprylate (C8)	538-23-8	100
Glycerol tricaprinate (C10)	621-71-6	100
Glycerol trilaurate (C12)	538-24-9	100

The CRA is committed to evidence-based decision making when implementing technical guidance for licensed laboratories. As research into marijuana use, safety, and testing advances, the CRA’s Sampling and Testing Technical Guidance for Marijuana Products may be revised and updated to reflect these changes.