

USDA Definition of Total THC

“Total THC” is the post-decarboxylation value of THC, either after testing with gas chromatography or LC after using a conversion factor. LC does not use decarboxylation as part of the process and this addition is to account for the conversion of THCA into THC if decarboxylation was part of the process. The addition of 87.7 percent of THCA is applicable if the testing laboratory uses LC with detection to measure the THC. **Total THC is the measured THC plus 87.7 percent of THCA.**

Reference: <https://www.federalregister.gov/d/2021-00967/p-231>