

ABSTRAK

THC(*tetra-hydro-cannabinol*) merupakan zat psikoaktif yang berefek halusinasi dan ini terdapat dalam keseluruhan pada bagian tanaman ganja, baik daun, ranting, ataupun bijinya. Karena kandungan THC(*tetra-hydro-cannabinol*) inilah, maka setiap orang menyalahgunakan ganja akan terkena efek psikoaktif yang sangat membahayakan. Pada umumnya ganja digunakan melalui rokok, termasuk kelompok narkoba halusinogen dan narkoba golongan 1. Dampak bahaya narkoba bagi remaja dan khususnya bagi pelajar adalah penggunaan narkoba dapat menyebabkan efek negatif yang akan menyebabkan gangguan mental dan perilaku seseorang, sehingga mengakibatkan terganggunya sistem neuro-transmitter pada susunan saraf di otak, serta THC(*tetra-hydro-cannabinol*) dapat dideteksi dalam urine selama 2-7 hari setelah penggunaan obat. Kadar bahan aktif THC(*tetra-hydro-cannabinol*) paling rendah pada batang, akar dan biji, sedangkan kadar yang tertinggi terdapat pada bunga, getah dan daun. Jenis penelitian yang digunakan adalah analisa kualitatif dengan metode pemeriksaan sampel menggunakan ICT(*Imunochromatography Test*) dengan alat strip/stik THC(*tetra-hydro-cannabinol*). Populasi dalam penelitian ini sebanyak 20 orang siswa Kelas XII SMA Katolik Mariana. Penelitian yang dilakukan, mengambil sampel urine 20 orang siswa Kelas XII SMA Katolik Mariana secara keseluruhan dari populasi. Proses pengambilan urine dilakukan di Sekolah SMA Katolik Mariana Kota Medan dan kemudian diperiksa langsung di Laboratorium IPA SMA Katolik Mariana Kota Medan bulan April tahun 2022. Hasil pemeriksaan keseluruhan sampel urine diperoleh negatif THC(*tetra-hydro-cannabinol*).

Kata kunci : Ganja, THC (*tetra-hydro-cannabinol*), ICT (*Imunochromatography test*)

ABSTRACT

THC (tetra-hydro-cannabinol) is a psychoactive substance that has hallucinatory effects and is present in all parts of the cannabis plant, both leaves, twigs, or seeds. Because of this THC (tetra-hydro-cannabinol) content, anyone who abuses marijuana will be exposed to psychoactive effects that are very dangerous. In general, marijuana is used through cigarettes, including the hallucinogenic drug group and class 1 drugs. The harmful impact of drugs on adolescents and especially for students is that drug use can cause negative effects that will cause mental and behavioral disturbances in a person, resulting in disruption of the neuro-transmitter system in the brain. nerves in the brain, as well as THC (tetra-hydro-cannabinol) can be detected in the urine for 2-7 days after taking the drug. The levels of the active ingredient THC (tetra-hydro-cannabinol) were lowest in stems, roots and seeds, while the highest levels were found in flowers, sap and leaves. The type of research used is qualitative analysis with the method of examining samples using ICT (Imunochromatography Test) with THC (tetra-hydro-cannabinol) strips/sticks. The population in this study were 20 students of Class XII Mariana Catholic High School. The research was conducted, taking urine samples of 20 students of Class XII Mariana Catholic High School as a whole from the population. The urine collection process was carried out at the Mariana Catholic High School Medan City and then examined directly at the Science Laboratory of the Mariana Catholic High School Medan in April 2022. The results of the overall urine sample examination were negative for THC (tetra-hydro-cannabinol).

Keywords : Cannabis, THC (tetra-hydro-cannabinol), the ICT (Imunochromatography Test)

