



CERTIFICATE OF ANALYSIS

SAMPLE ORIGIN: HHC
Hexahydrocannabinol (HHC) (CAS 946512-74-9), MW 316 g/mol

IUPAC NAME: (6a*R*,10a*R*,9*R*/*S*)-6,6,9-trimethyl-3-pentyl-6a,7,8,9,10,10a-hexahydro-6H-benzo[*c*]chromen-1-ol

APPEARANCE: 1 g of a highly viscous, clear, pale yellow oil / mixture of diastereomers

SYNTHESIS: Synthesized from hemp derived CBD

ANALYSIS: According to GC/MS and GC-FID analysis the analyzed material consists of the following constituents:

Tetrahydrocannabinol (THC) n.d.
Hexahydrocannabinol (HHC) > 68% (9*R*)-HHC diastereomer
> 27% (9*S*)-HHC diastereomer

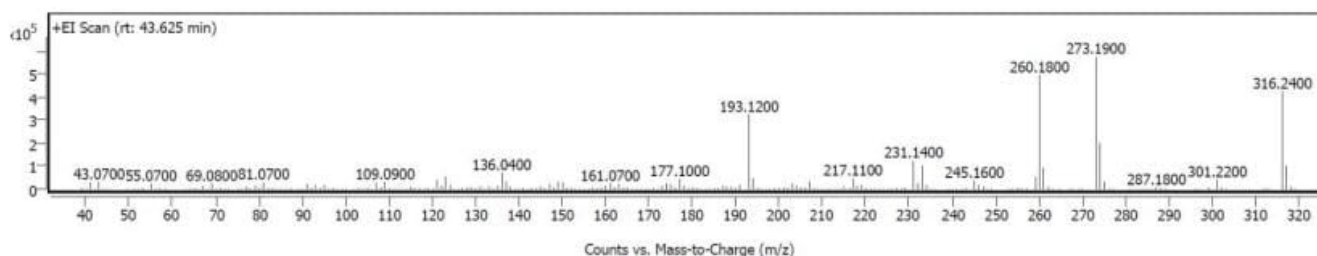


Figure: GC/MS of (9*R*)-HHC

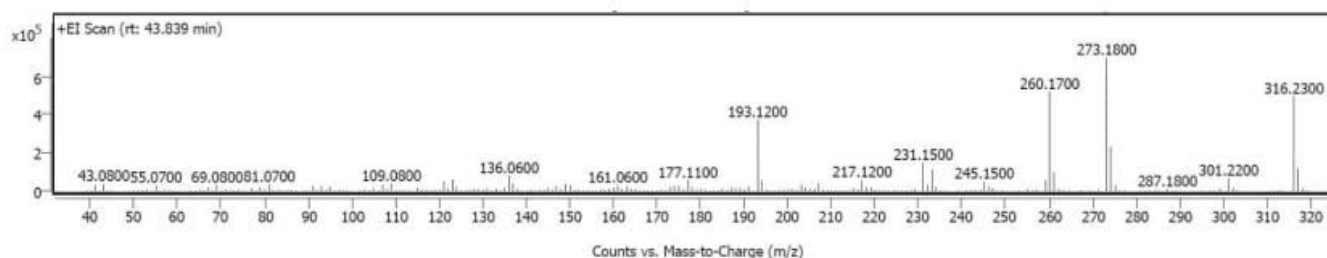


Figure: GC/MS of (9*S*)-HHC

HEAVY METALS (acc. DIN 13432 and EC 1881/2006):

the sample meets the concentration limits (ppm) for the following metals: Zn (150), Cu (50), Ni (25), Cd (<0,2), Pb (<0.8), Hg (0,5), Cr (50), Mo (1,0), Se (0,75), As (5). No Pd could be detected

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