



## CERTIFICATE OF ANALYSIS

SAMPLE ORIGIN: HHC sample  
 IDENTITY: Hexahydrocannabinol (HHC), MW 316.24 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: viscous oil / mixture of diastereomers and isomers  
 ANALYSIS: According to GC analysis the analyzed material consists of the following constituents:

Hexahydrocannabinol (HHC)	(9 <i>R</i> )-HHC	78%
	(9 <i>S</i> )-HHC	4%
	<i>cis</i> -iso-HHC	13%
	<i>trans</i> -iso-HHC	5%
Tetrahydrocannabinol (THC)	$\Delta^8$ -THC	not detectable
	$\Delta^9$ -THC	not detectable

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.

Tuebingen, January 3, 2023

(Prof. Dr. Thomas Ziegler)