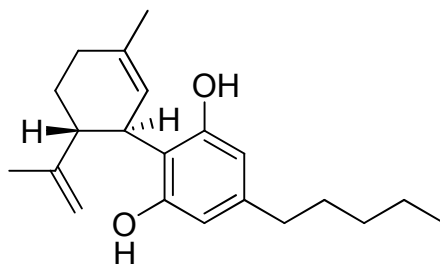


Certificate of Analysis Cannabidiol



THC Pharm GmbH The Health Concept

($\geq 99\%$)



Description

Synonyms:	CBD
Chemical name:	(1' <i>R</i> ,2' <i>R</i>)-5'-methyl-4-pentyl-2'-(prop-1-en-2-yl)-1',2',3',4'-tetrahydro-[1,1'-biphenyl]-2,6-diol
Molecular weight:	314.46 g/mol
Formula:	C ₂₁ H ₃₀ O ₂
CAS:	[13956-29-1]
Shipping:	ambient temperature
Storage:	protected from light and tightly closed at $\leq 8\text{ }^{\circ}\text{C}$
Solubility:	practically not soluble in water, soluble in organic solvents

Analysis

Batch:	CBD11-001
Internal Reference:	REF00007
Manufacturer:	THC Pharm GmbH, Frankfurt, Germany
Method:	THC Pharm
Analysis date (retest):	01/2015
Retest date:	01/2019

<i>Parameter:</i>	<i>Specification:</i>	<i>Result:</i>
Appearance:	colorless to pale solid	conforms
Identity:	GC/MS	conforms
Purity:	$\geq 99\%$ (HPLC, 225 nm)	99.86%

Quality Control, THC Pharm GmbH

January 23, 2015