

# Certificate of Analysis Residual Solvents

Description I: Homegrow  
Sample date: -----  
Bloomday: -----  
Description II: -----  
Further information: -----

Client: Institut für Hanfanalytik  
Sample ID: 79901190  
Sample material: herbal

Abbr.	Substance	Result (mg/kg)	Class *
MeOH	Methanol	926	Class 2
EtOH-GC	Ethanol	10132	Class 3
IPA	Isopropanol	398	Class 3
CHCl3	Chloroform	21	Class 2
ACN	Acetonitrile	3	Class 2
ACTN	Acetone	9935	Class 3
Benzol	Benzene	ND**	Class 1
Toluol	Toluene	ND**	Class 2
T-Xyl	Total Xylene	3	Class 2
ETHER	Diethyl ether	ND**	Class 3
Pyr	Pyridine	ND**	Class 2
THF	Tetrahydrofuran	2	Class 2
MEK	Butanone	ND**	Class 3
MCl	Methylenchloride	ND**	Class 2
12DMEt	1,2-Dimethoxyethane	ND**	Class 2
DIOX	1,4-Dioxane	ND**	Class 2
2EoEt	2-Ethoxyethanol	ND**	Class 2
12DCEt	1,2-Dichloroethane	ND**	Class 1
TCEt	Trichloroethene	ND**	Class 2
PROPAN	Propane	6	Class -
BUTAN	Butane	ND**	Class -
ISOBUT	Isobutane	ND**	Class -
PENTAN	Pentane	ND**	Class -
Hexan	Hexane	ND**	Class 2
C-Hexan	Cyclohexane	ND**	Class 2
Heptan	Heptane	2	Class 3

Sample received: 15/07/2024 - 1,572 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 13/08/2024 at 12:02

**Footnote:**

\*) Classification according to European Pharmacopeia 7.0 Chapter 5.4 \*\*) ND = not detectable. The measured value was below the limit of detection.

The limits of quantification of the substances depend on their Eur. Ph. classification. (Class 1: 1 mg/kg / Class 2: 30 mg/kg / Class 3: 100 mg/kg)

Method of analysis: HS GC-FID (headspace - gas chromatography-flame ionisation detector) according to Ph.Eur. 2.2.29.

The expected measurement uncertainty varies with substance and concentration and can be assumed to be a maximum of 20 %.

The limit concentrations of the solvents can be found according to their toxicity class in the respective chapters of the European or American Pharmacopeia (Eur. Ph. Chapter 5.4 or USP Chapter 467).

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