



Lab Ofichem
CDMO

DEVELOPMENT, ANALYSES & PRODUCTION OF APIs

DRIVEN TO IMPROVE HEALTH FOR
HUMAN AND ANIMALS

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LAB
OFICHEM

Ofichem Group

R&D Lab Ofichem
Development of API's



Incopharm
Distribution of veterinary and human API's for Eastern Europe & Russia



Ofichem
Distribution of veterinary API's

Lab Ofichem
Production of API's



Ofinext
Medical Cannabis API's



Ofipharma
Distribution and repacking of human API's



Ofidit
Pharmaceutical audits

Experience of Lab Ofichem with cannabis (since 2012)

- Production of pure CBD and THC
- Production of CBD and THC extracts (containing terpenes)
- Analysis of (medicinal) Cannabis
- Analysis of cannabis containing products
 - Extracts
 - Powder
 - Oil's

Analysis Lab Ofichem for medicinal cannabis

- According OMC monograph Cannabis Flower / Version 8.0 / November 01, 2021
- Analysis according DAC/DAB monograph
- Analysis according the Danish monograph
- Terpene analysis

Medicinal cannabis regulated in the Netherlands

Dutch OMC

Producer
Bedrocan

Laboratory
Lab Ofichem

Irradiation
Steris

Packaging and
wholesaler
Fagron

Challenges in the analysis of cannabis

- Sample homogeneity
- Sample preparation
 - Milling
- Microbiological examination
 - Growth inhibition at low levels

Challenges in the analysis of cannabis

- Pesticides
 - Number of pesticides
 - Ca 110 conform EP 2.8.13
 - Additional 8 based of risk assesment
 - Matrix effects
 - Risk assesments
 - Validation
 - Screen
- Aflatoxines
 - Matrix effects

Draft EP monograph (comments)

- HPTLC
 - Required?
- Microscopic test
 - Required for each batch?
 - How to powder the material?
- Sample preparation
 - Appropriate procedure

A safe medicine starts
with high-quality
ingredients

