Good Medicinal Cannabis Cultivation Practice

Paving the way to a reliable product

Production of cannabis as an herbal pharmaceutical product

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Founder Bedrocan
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Agenda

Cannabis flos

From one single seed

GMCCP

Good Medicinal Cannabis Cultivation Practice
Office of Medicinal Cannabis

- Cultivation
- Irradiation
- Quality Control
- Packaging & Distribution

- bedrocan®
- STERIS®
- LAB OFICHEM
- Fagron
Cannabis flos
Vegetative production
Production cell
From one single seed

Genetic and environmental standardisation
Stable content THC & CBD

THC%

Bediol

CBD%
Stable content terpenes

Bediol

5 batches

01.17
01.19
01.20
01.21
01.23
Quality is key

- Heavy metals
- Cannabinoids
- Pesticides
- Microbiologic contamination
## Products

<table>
<thead>
<tr>
<th>Product</th>
<th>THC %</th>
<th>CBD %</th>
<th>Since</th>
</tr>
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<tbody>
<tr>
<td>Bedrocan ®</td>
<td>22</td>
<td>&lt;1</td>
<td>2003</td>
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<tr>
<td>Bedrobinol ®</td>
<td>14</td>
<td>&lt;1</td>
<td>2005</td>
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<td>Bediol ®</td>
<td>6</td>
<td>8</td>
<td>2007</td>
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<td>Bedica ®</td>
<td>14</td>
<td>&lt;1</td>
<td>2011</td>
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<td>Bedrolite ®</td>
<td>&lt;1</td>
<td>7,5</td>
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Good manufacturing practise
Two standards

**GACP**
- Vegetative
- Cultivation
- Harvest
- Drying

**GMP**
- Processing
- Packaging
GMP

- QA-department
- GMP QMS
- Good Documentation Practice
- Validation
- Calibration of equipment
- Batch Records
- Validated Cleaning Procedures
- Deviation, CAPA & Change Control
GACP is not sufficient
Bedrocan develops new practice for cannabis cultivation

Posted 19 July 2022

Bedrocan has developed a new practice for medicinal cannabis cultivation. The practice is already in use at Bedrocan’s facilities and is called GMCCP: Good Medicinal Cannabis Cultivation Practice. According to Bedrocan, GACP is not sufficient for cannabis intended for medicinal use, hence the need for a special practice for the cultivation of medicinal cannabis.

At the moment, Good Agricultural and Collection Practice (GACP) is the only set of requirements available to companies within the EU for the cultivation of medicinal cannabis. This GMCCP standard exceeds the requirements as defined in GACP. The ultimate purpose is to increase the quality of medicinal cannabis cultivation and to get it as close as possible to GMP, while simultaneously taking into consideration the complexity of cultivating the cannabis plant for medicinal and scientific use.

The introduction of GMCCP has gone smoothly within Bedrocan. Actually, not much has changed because Bedrocan already had strict rules in place for growing cannabis. For example, Bedrocan has a quality management system (QMS) to guarantee product quality and continuous process improvement. It ensures that all cultivation operations are carried out in a correct and
GMCCP

Good Medicinal Cannabis Cultivation Practice
GMCCP

Good Medicinal Cannabis Cultivation Practice

- QA-department for cultivation
- GMCCP-QMS
- Good Documentation Practice
- Validation
- Batch Records
- Validated Cleaning Procedures
- Deviation, CAPA & Change Control
Cannabis can be of true pharmaceutical quality

Thank you for your attention