Optimal solutions for convenient cannabis processing
Industrial Evaporation and Chromatography

Cannabis products with cannabinoids (e.g. CBD)

Cannabis cultivation

Cannabinoid Extraction

- THC
- CBD
- Supercritical CO2 extraction
- Solvent extraction
- and others

Harvest

Extract Concentration

- Reduces volume for separation

Industrial Rotavapor®
- R-220 Pro
- R-250

Rotary Evaporator:

Cannabinoïd Separation

- Fully automated system
- Combined flash chromatography separation and HPLC purification
- Reverse phase conditions
- DAD UV/Vis and ELS detector

Preparative Chromatography:

Reveleri®

Cannabinoid Fraction Concentration

- Concentrate for further processing

Further Processing

- Encapsulator
- Spray Dryer
- Nano Spray Dryer

BUCHI solutions and applications:

- Rotavapor® R-220 Pro
- Rotavapor® R-250
- Reveleri®

Application Nr. 220/2015 (Evaporation)
Application Nr. 190/2015 (Preparative Chromatography)

Cannabis contains > 80 Cannabinoids
Therapeutic effects include:
- Inflammatory diseases (e.g. MS)
- Degenerative illnesses (e.g. Parkinsons)
- Diminish side effects (e.g. of chemotherapy)

Tetrahydrocannabinol (THC)
- Psychoactive
Cannabidiol (CBD)
- Non-psychoactive

www.buchi.com/en/cannabis