

THE EMERALD CONFERENCE

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Artificial Intelligence for Craft Cannabis Products

Speaker: Dr. Markus Roggen, President & CSO, Delic Labs

Abstract: Cannabis extraction operations focus on extraction yields. This is an imprecise way to think about production. Defining the yield as yield per pound of biomass is very different to yield per hour. And yield should not be the only focus for extractors. Quality of extract, cost of extraction, loss in post-processing, all these aspects should be considered too.

Our laboratory undertook extensive experimental studies on the extraction behavior of various solvents. We furthermore analyzed thousands of real-world extractions, from various producers and for different instruments to build a machine learning algorithm that can optimize extraction processes autonomously.

We present our latest results and insights from developing and utilizing our extraction optimization AI, to give the audience most actionable insight on how to make better cannabis extracts.