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Solving Cannabis Consistency and Bioavailability Problems through Nanoemulsion Technology

Speaker: David Durkee, Ph.D., Vice President of New Ventures, Quicksilver Scientific

Abstract: The cannabis edibles and THC beverage industries struggle with consistency and bioavailability problems. This session takes a look at the Pharmacokinetic testing data, science and research behind the latest advances in nanoemulsion technology that provide greater bioavailability and improved consistency for hemp and THC products. Specifically, in this session you will learn how nanoemulsion technology works with traditionally hard-to-absorb fat-soluble ingredients, like cannabinoids, to provide faster, more efficacious and consistent uptake, an overall analysis of how nanoemulsion technology can be used in a wide variety of formats, including liquid, gummy, lozenge, beverages and more to maximize bioavailability, dose control, and decrease variability in effect and onset/offset times. Beyond that, it will also explore how to address challenges in consistency and formulation to provide products that are both visually and sensorily pleasing to consumers and how to increase the efficacy of pricey ingredients.