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Analysis of Psilocybin and Psilocin in Mushrooms and Mushroom Products by Portable Liquid Chromatography: Insights and Progress

Speakers: Dylan Wilks, Chief Technology Officer, Orange Photonics, Inc.

Abstract: Psilocybin and psilocin containing mushrooms and products have an unmet need for on-site testing, which is exacerbated due to limited laboratory based testing options. A portable liquid chromatograph was explored as a possible on-site solution. Results from several solvent types and column materials will be presented. Best practices and insights that may be applied to any HPLC method will be presented along with future work to be completed.