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Centrifugal Partition Chromatography (CPC): A Robust and Versatile Separation Solution for Remediation, Purification and Target Molecule Enrichment of Complex Cannabis Extracts.

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Abstract: The separation power and versatility of centrifugal partition chromatography (CPC) enables a multitude of applications in any extraction laboratory setting. In the cannabis field, CPC has provided a cost-effective solution for scalable d9-THC remediation of cannabis oils and extracts. Using Gilson Inc.'s proprietary CPC portfolio, we provide an effective solution for meeting international export d9-THC remediation requirements as well as cannabinoid acid isolation (non-decarbed extracts), pesticide remediation, cannabis-derived terpene isolation and cleanup procedures for d8/d10-THC synthesis. Herein, we present application-specific results using Gilson's robust CPC product line for a variety of these applications, highlighting the value of CPC for any cannabis extraction laboratory.