Section 6 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520, 3 AAC 306.525, and 3 AAC 306.560.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	CO2 Concentrate Oil (for inhalation via vaporization)		
Product Type:	Concentrate for Refillable Vapor Cartridges		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	

Product Description: Details must include the color, shape, and texture.	CO2 Concentrate Oil will vary in color from a very light amber to dark amber and will come in different strains, including different cannabinoids, terpene profiles, flavonoids, and distillates. The oil is a thick sticky liquid.
Ingredients: This box is not applicable to marijuana concentrates.	N/A
Standard Production Procedure and Detailed Manufacturing Process:	C O2 concentrate oil is produced using CO2 as a solvent in a closed loop system. The CO2 is compressed into a liquid form which saturates the cannabis material and extracts the desired cannabinoids, terpenes, or flavonoids using different temperatures and pressures. As the CO2 s warmed back up after extraction, it turns back into a gas(which is recovered), which causes the cannabis oil to separate into a collection container. The oil may undergo further refining to remove the plant waxes thru a process called winterization, which involves combining the oil with plant waxes to be mixed with food grade ethanol and placed in a freezer for several days. The ethanol/oil mixture then gets filtered to help separate the waxes from the oil. The winterization step may get repeated. The ethanol/oil mixture gets mixed with activated charcoal and filtered so that what remains is an oil/ethanol mixture free of waxes and lipids. This mixture will then have the ethanol evaporated off using a closed loop rotary evaporator. Some of the oil from the extractor will also undergo further refinement to isolate specific cannabinoids, terpenes, or flavonoids. This process is known as fractional or short-path distillation. Short path distillation uses vacuum pressure, and heat to manipulate boiling points so that compounds are subjected to much cooler temperatures when they pass thru. Depending on the distillation process, these volatile compounds can either be fractioned individually or simultaneously for collection. These isolated molecules may be reintroduced to the oil after being isolated, or sold as a distillate. If the CO2 oil is going to be sold to another marijuana product manufacturer for edible manufacturing, it may be decarboxylated first by heating the CO2 oil in a vacuum oven for a specific amount of time.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

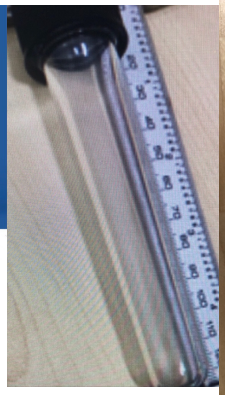
Section 7 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520, 3 AAC 306.565, and 3 AAC 306.570.
Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

Product Name:	CO2 Concentrate Oil (for inhalation via vaporization)
Product Type:	Concentrate for Refillable Vapor Cartridges

Packaging Description:
Details must include the color(s), size, packaging materials used, total amount of THC, individual serving sizes (if multiple), and other specifics showing compliance with 3 AAC 306.565. Please include photos, drawings, or graphic representations.

1-1.5 grams of CO2 concentrate oil will be packaged in a plastic syringe(98mm long x 13mm wide) with the total THC ranging from 50-99% (the actual THC content will be listed on the label per testing results). The syringe will be placed into a clear, child-resistant plastic tube and then into a paperboard box, approximately 5"H x 2"W x 1.2"D, with a tamper seal. Herban Extracts will provide retail stores with fully opaque exit bags to place the boxes into before customers leave the store.



All packaging will be white with blue volered logos.

Sample Labels:
Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.