



THE STATE  
of **ALASKA**  
GOVERNOR MICHAEL J. DUNLEAVY

## Department of Commerce, Community, and Economic Development

ALCOHOL AND MARIJUANA CONTROL OFFICE  
550 West 7<sup>th</sup> Avenue, Suite 1600  
Anchorage, AK 99501  
Main: 907.269.0350

### MEMORANDUM

TO: Marijuana Control Board                      DATE: September 11, 2019

FROM: Erika McConnell, Director              RE: Good Titrations, #10886, Product  
Manufacturing Facility

In May of 2018, the board approved a product submitted by Good Titrations, called Cannabis Oil for Vaporization. Because the product is a concentrate, no ingredients were required to be submitted (at that time).

The standard production procedure stated, “**Cannabis oil and or distilled cannabis oil**, glycerin, propylene glycol and food grade terpenes will be heated and combined until fully blended and then loaded into cartridges that will hold between 0.5 to 1.5 grams per unit.”

Subsequently, the board has been looking more closely at situations where alternate ingredients are proposed, such as “cannabis oil and/or distilled cannabis oil.” Although this product was already approved with alternate ingredients, I preferred to bring this change to the board rather than give temporary approval.



Alaska Marijuana Control Board

## Form MJ-15: Operating Plan Change

### What is this form?

This operating plan change form is required for all marijuana establishment licensees seeking to change a licensed marijuana establishment's existing operating plan, as required by 3 AAC 306.100. With this form, a licensee may request changes to as much or as little as desired of Form MJ-01 and/or the corresponding operating plan supplemental for the establishment's license type.

The required \$250 change fee may be made by check, cashier's check, or money order.

Please complete and submit with this form the pages of Form MJ-01 and/or the corresponding operating plan supplemental that contain sections that you are requesting to change. **All fields must be completed of any page for which you are requesting changes** – upon board approval, the submitted pages will replace those currently on file. If your current, approved operating plan is on the original version of the forms, you may be required to complete and submit the new operating plan forms in their entirety.

### The form(s) that I am requesting board approval to change is:

- ☐ Form MJ-01: Marijuana Establishment Operating Plan
- ☐ Form MJ-03: Retail Marijuana Store Operating Plan Supplemental
- ☐ Form MJ-04: Marijuana Cultivation Facility Operating Plan Supplemental
- ☒ Form MJ-05: Marijuana Product Manufacturing Facility Operating Plan Supplemental
- ☐ Form MJ-06: Marijuana Testing Facility Operating Plan Supplemental

This form must be completed and submitted to AMCO's main office prior to changing existing operations. The licensed establishment's operations may not be altered unless and until the director has given temporary approval or the Marijuana Control Board (MCB) has given final approval of the changes. Please note that licensees seeking to change operating plans for multiple licenses must submit a separate completed copy of this form for each license.

### Section 1 – Establishment Information

Enter information for the business seeking to be licensed, as identified on the license application.

Licensee:	FSE, INC	MJ License #:	10886		
License Type:	Marijuana Product Manufacturing Facility				
Doing Business As:	Good Titrations				
Premises Address:	1770 Donald Ave, Suite B				
City:	Fairbanks	State:	Alaska	ZIP:	99701



Alaska Marijuana Control Board  
**Form MJ-15: Operating Plan Change**

**Section 2 – Summary of Changes**

Provide a summary of the changes for which you are requesting approval.

Addition of MCT oil as an additive to Cannabis Oil for Vaporization – also clarifying that there is a distillate and non-distillate option per previously approved product named Cannabis Oil Distillate and Non-Distillate.

**Section 3 – Declarations**

Read each statement below, and then sign your initials in the corresponding box to the right:

Initials

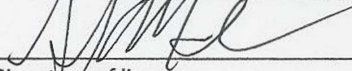
The proposed changes conform to all applicable public health, fire, and safety laws.

ST

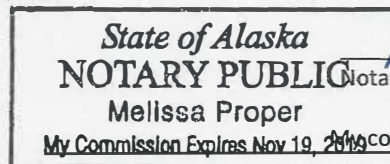
I understand that any temporary approval granted by the director is pending a final decision by the MCB; therefore, any investment I make, based upon temporary approval, is at my own risk.

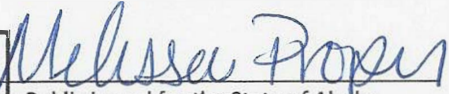
ST

As a marijuana establishment licensee, I declare under penalty of unsworn falsification that this form, including all accompanying schedules and statements, is true, correct, and complete.

  
Signature of licensee

Shaun Tacke  
Printed name of licensee



  
Notary Public in and for the State of Alaska.

My Commission Expires Nov 19, 2019 commission expires: 11/19/19

Subscribed and sworn to before me this 5 day of July, 2019.

AMCO Director Review for Temporary Approval Pending Final MCB Decision:

Approved

Disapproved

☐☐

Printed name of Director

Date

Signature of Director


Director Comments:



**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.

<b>Product Name:</b>	Cannabis Oil for Vaporization ( Non Distillate or Distillate option)		
<b>Product Type:</b> Choose one.	Other Marijuana Product		
<b>Perishable:</b> Yes/No	Yes	<b>Shelf Life:</b> If perishable.	
<b>Intended Use:</b> Smokable/ edible/topical/wholesale/etc.	Smokable		
<b>Product Description:</b> Details must include the color, shape, and texture.	Cannabis oil for vaporization for filling vape-pen cartridges - the liquid is clear with a yellow tint and will come in different strains. Each cartridge will be able to hold between 0.5 to 1.5 grams of product per unit.		
<b>Ingredients:</b>	Cannabis oil, Non Distilled cannabis oil, glycerin, propylene glycol and food grade terpenes, MCT oil.		
<b>Standard Production Procedure and Detailed Manufacturing Process:</b>	Cannabis oil, Non Distilled cannabis oil, glycerin, propylene glycol and food grade terpenes, MCT oil, will be heated and combined until fully blended and then loaded into cartridges that will hold between 1.5 to 1.5 grams per unit.		
<b>Depiction:</b> 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.

<b>Product Name:</b>	Cannabis Oil for Vaporization ( Non Distillate and Distillate option)
<b>Product Type:</b>	Concentrate
<b>Packaging Description:</b> 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.	<p>Vape pen cartridges will be packaged in opaque, childproof, resealable mylar bags. Each cartridge will hold between 0.5 to 1.5 grams of oil.</p> <div style="display: flex; justify-content: space-around;"></div>
<b>Sample Labels:</b> Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	<div style="display: flex; justify-content: space-between;"><div><p><b>Produced By:</b> Good Titrations</p><p><b>License Number:</b> 10886</p><p><b>Product Name:</b> Cannabis Oil for Vaporization - Non Distilled</p><p><b>Batch/Lot Number:</b>    <b>Gross Weight:</b>    <b>Net MJ Weight:</b></p><p><b>Best By Date:</b>    <b>Packaging Date:</b></p><p><b>Tested By:</b>    <b>License Number:</b></p><p><b>Total THC:</b>    <b>THCA:</b>    <b>CBD:</b>    <b>CBDA:</b>    <b>CBN:</b></p><p><b>Microbial Test:</b>    <b>Pesticides:</b>    <b>Herbicides:</b></p><p><b>Fungicides:</b></p><p><b>Residual Solvent Test:</b>    <b>Contaminants Test Result:</b></p><p><b>Retailer:</b>    <b>License Number:</b></p></div><div style="text-align: right;"></div></div> <p><b>Alaska Safety Warning:</b> Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use only by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.</p>

Current approved  
product(s)



Alaska Marijuana Control Board

# Operating Plan Supplemental Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. **Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.**

<b>Product Name:</b>	Cannabis Oil for Vaporization
<b>Type:</b>	Concentrate

<b>Product Description:</b> Details must include the color, shape, and texture.	Cannabis oil for vaporization for filling vape-pen cartridges - the liquid is clear with a yellow tint and will come in different strains. Each cartridge will be able to hold between 0.5 to 1.5 grams of product per unit.
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<b>Ingredients:</b> This box is not applicable to marijuana concentrates	
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<b>Standard Production Procedure and Detailed Manufacturing Process:</b>	Cannabis oil and or distilled cannabis oil, glycerin, propylene glycol and food grade terpenes will be heated and combined until fully blended and then loaded into cartridges that will hold between 0.5 to 1.5 grams per unit.
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<b>Depiction:</b> Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	
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## Alaska Marijuana Control Board


## Operating Plan Supplemental


## Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

<b>Product Name:</b>	Cannabis Oil for Vaporization
<b>Type:</b>	Concentrate

<b>Packaging Description:</b> 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. Attached photos, drawings, or graphic representations are preferred.	Packaging will be the mylar bags (see Exhibit A) and the cartoridges shall be placed inside the bag which will have attached to it the warnings, name of the product, and required 306.570 warnings. 
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<b>Sample Labels:</b> Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	Information below will be attached to the mylar bag:  <b>Good TITRATIONS</b> Business Name: _____ License Number: _____ Strain: _____ THC: % _____ CBD: % _____ Production Lot Number: _____ Gross Weight: _____ Net MJ Weight: _____ Packaging Date: _____ Expiration Date: _____ Contaminants tested for: mold, mildew, filth, herbicides, pesticides, fungi, harmful chemicals. Results of Solvent Testing: _____ 3 AAC 306.570 Alaska Safety Warning: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.
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## Alaska Marijuana Control Board

### Operating Plan Supplemental

# Form MJ-05: Marijuana Product Manufacturing Facility

## Section 4 – Proposed Marijuana Concentrates and Marijuana Products

Review the requirements under 3 AAC 306.520 - 3 AAC 306.525 and 3 AAC 306.560, and identify how the proposed establishment will meet the listed requirements. Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

<b>Product Name:</b>	Cannabis oil - distilled and not distilled
<b>Type:</b>	Concentrate
<b>Product Description:</b> Details must include the color, shape, and texture.	The color of cannabis oil for edibles range from dark green to a light Carmel color, can be slightly viscous in nature, or can have the texture of olive oil depending on the strain and THC and CBD levels.
<b>Ingredients:</b> This box is not applicable to marijuana concentrates	
<b>Standard Production Procedure and Detailed Manufacturing Process:</b>	Cannabis oil will be extracted using a closed loop machine in which flower and/or trim from cannabis plants are ran through and the following solvents will be by themselves or in a combination used to extract the CBDs and THC from the plant material: Butane, N-Butane, Iso-Butane, or ethanol. Once marijuana concentrate has been extracted by terpenator machines it will go to one of two areas. The first of these two is the winterizing area and the second is the vacuum purging area. The winterizing process removes plant waxes from marijuana concentrate and produces a smoother product. Winterization process begins by dissolving BHO in 200 proof food grade ethanol (ETOH). BHO will be dissolved in ETOH at a ratio of 1g: 10ml. Homogeneity of solution will be achieved with the use of Erlenmeyer flasks and a magnetic stirring plate. Once BHO: ETOH solution is homogenized the product will be placed in a freezer maintained at -20°F for 48 hours. After the 48 hour time period the solution will be filtered using a vacuum assisted Whatman filter system and filter vacuum flask. Filtered solution will then be transferred to our rotary evaporator. Post evaporation, cannabis oil may be refined through fractional distillation.
<b>Depiction:</b> Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	



## Alaska Marijuana Control Board



## Operating Plan Supplemental


## Form MJ-05: Marijuana Product Manufacturing Facility

## Section 5 – Proposed Product Packaging and Sample Labels

Review the requirements under 3 AAC 306.520 and 3 AAC 306.565 – 3 AAC 306.570, and identify how the proposed establishment will meet the listed requirements. Attach a completed copy of this page for each proposed marijuana concentrate or marijuana product.

<b>Product Name:</b>	Cannabis Oil- distilled and not distilled
<b>Type:</b>	Concentrate

<b>Packaging Description:</b> 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. Attached photos, drawings, or graphic representations are preferred.	Cannabis Oil that is sold to edible companies for purposes of infusing edibles shall be packaged in airtight jars not to exceed one pound. For cannabis oil that is packaged for direct retail consumption, the oil shall be packaged in 0.5g to 1.5 grams syringes and then placed in a 3 x 4.5 inch mylar bag and will not be repackaged by retail establishment. <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
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<b>Sample Labels:</b> Provide sample labels showing how the labeling information required in 3 AAC 306.570 will be set out.	 <p> <b>Good TITRATIONS</b>          Business Name: _____          License Number: _____          Strain: _____ THC: % _____ CBD: % _____          Production Lot Number: _____ Gross Weight: _____ Net MJ Weight: _____          Packaging Date: _____ Expiration Date: _____ Contaminants tested for: mold, mildew, filth, herbicides, pesticides, fungi, harmful chemicals. Results of Solvent Testing: _____ 3 AAC 306.570 Alaska Safety Warning: Marijuana has intoxicating effects and may be habit forming and addictive. Marijuana impairs concentration, coordination, and judgment. Do not operate a vehicle or machinery under its influence. There are health risks associated with consumption of marijuana. For use by adults twenty-one and older. Keep out of the reach of children. Marijuana should not be used by women who are pregnant or breast feeding.       </p>
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