Alcohol and Marijuana Control Office
550 W 7th Avenue, Suite 1600
Anchorage, AK 99501
marijuana.licensing@alaska.gov
https://www.commerce.alaska.gov/web/amco
Phone: 907.269.0350

Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-05: Marijuana Product Manufacturing Facility

What is this form?

This operating plan supplemental form is required for all applicants seeking a marijuana product manufacturing facility license and must accompany **Form MJ-01: Marijuana Establishment Operating Plan**, per 3 AAC 306.020(b)(11). Applicants should review **Chapter 306: Article 5** of the **Alaska Administrative Code.** This form will be used to document how an applicant intends to meet the requirements of the statutes and regulations.

If your business has a formal operating plan, you may include a copy of that operating plan with your application, but all fields of this form must still be completed per 3 AAC 306.020 and 3 AAC 306.520(3).

What additional information is required for cultivation facilities?

Applicants must identify how the proposed establishment will comply with applicable regulations regarding the following:

- Equipment, compounds, and processes to be used
- Waste disposal
- Testing procedure and protocols
- Proposed marijuana concentrates and marijuana products
- Proposed product packaging and sample labels
- Prohibitions

This form must be completed and submitted to AMCO's main office before any new or transfer application for a marijuana product manufacturing facility or marijuana concentrate manufacturing facility license will be considered complete.

Section 1 – Establishment Information

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

Licensee:	AK Rime, LLC	**MJ License #:**		10865	
License Type:	Marijuana Product Manufacturing Facility				
Doing Business As:	AK Rime				
Premises Address:	5200 A Street Suite 101				
City:	Anchorage	**State:**	Alaska	**ZIP:**	99518

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Section 2 – Overview of Operations

2.1. Provide an overview of your proposed facility's operations. Include information regarding the intake, flow, and transfer of marijuana, marijuana concentrate, and marijuana product at and from your premises:

Marijuana flower and trim that is transfered from cultivation facilities will be stored in on site freezers after being received. As product is needed it will be removed from the freezers and dunked in 200 proof food grade ethanol. Evaporation and distillation will be used to create the extracted products. These extracts will either be used to create production batches for direct packaging into sellable items or to create production batches to be used to make other products. These batches will be placed in quarantine and test samples will be transfered to a state licensed facility for testing. After testing results are obtained and the testing laboratory has released the batches in METRC, batches will either be packaged for transfer to licensed retail facilities, or set aside for use in production batches. Final packaged products will be labeled in accordance with 3 AAC 306.570 and placed into refrigerated storage until ready for transfer. As completed product is transfered to retail facilities, it will be transfered out in METRC and the production batches in METRC will be reduced accordingly to reflect the transfers. Any product returned from retailers will be disposed of in compliance with our waste management procedures.

Section 3 – Equipment and Compounds to be Used

Review the requirements under 3 AAC 306.555.

3.1. Describe the equipment and solvents, gases, chemicals, and other compounds the marijuana product manufacturing facility will use to create marijuana concentrates:

Marijuana flower and/or trim will be removed from the freezers and dunked in 200 proof food grade ethanol. Evaporation in roto-evaporators will be used to remove the bulk of the ethanol from the resulting solution. If the final product is shatter, the remaining alcohol will be baked off in vacuum ovens. Finished shatter will be weighed on state certified scales and packaged into individual portions. If the final product is to be sap or sap based products (tinctures, capsules, or edibles) the product will be distilled in fractional distillation equipment to isolate the fraction containing the cannabinoids. If the final product is sap, the sap will be put into vaporizor pens, small jars, or glass syringes. If the final product is tinctures, capsules, or other edibles, production batches of these products will be produced by diluting the sap in coconut oil to the desired concentration. These production batches will either be directly packaged into sellable items or used to make other products.

Section 4 – Waste Disposal

Review the requirements under 3 AAC 306.740.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

4.1. The marijuana product manufacturing facility shall give the board at least three days written notice required under 3 AAC 306.740(c) before making marijuana waste unusable and disposing of it. KD

4.2. Describe how you will store, manage, and dispose of any solid or liquid marijuana waste, including expired or outdated marijuana or marijuana product, in compliance with any applicable laws. Include details about the material(s) you will mix with ground marijuana waste and the processes that you will use to make the marijuana waste unusable for any purpose for which it was grown or produced:

Any expired, outdated or waste product returned to or generated at the manufacturing facility will be stored in clearly marked storage containers in secure storage areas until ready for disposal. AMCO will be given advance notice of at least three days that disposal will occur. After the three day notice period the product will be mixed with an equal amount of kitty litter and disposed of at the local solid waste facility.

Section 5 – Testing Procedure and Protocols

Review the requirements under 3 AAC 306.520 and 3 AAC 306.550.

You must be able to certify the statement below. Read the following and then sign your initials in the box to the right: Initials

5.1. I will ensure that any individual responsible for collecting random samples for required laboratory testing under 3 AAC 306.455 will prepare the necessary accompanying signed statement, provide the signed statement to the marijuana testing facility, and maintain a copy as a business record under 3 AAC 306.755. KD

Answer "Yes" or "No" to the following question: Yes No

5.2. Will the marijuana product manufacturing facility be performing in-house testing (as defined under 3 AAC 306.990(b)(20)? ☐ ☑

If "Yes" to 6.2, you must be able to certify the statement below. Read the following and then sign your initials in the box: Initials

5.3. The area where in-house testing will occur is clearly identified on the Form MJ-02: Premises Diagram that is submitted with this application.

5.4. Describe the testing procedures and protocols the marijuana product manufacturing facility will follow:

Completed shatter or distillate will be segregated into production lots, entered into metrc and assigned package tags. A sample will be randomly selected from the production lots, packaged in metrc and transported to a licensed testing laboratory per 306.750 for potency, contamination and residual solvent testing per 306.645. The production lot will be quarantined in a cool dry clean area until test results are obtained per 306.550 (c). Once satisfactory test results are received and the production batch has been cleared by the test lab, the batch will be packaged and labeled for sale. In some instances, the production lot will be used to create other products. In this case, the other products (edibles) will be created and packaged in metrc, samples will be packaged and sent to the testing lab and quarantined until testing results are obtained. Once test results are obtained, these batches will be packaged for sale and labeled.

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Section 8 – Prohibitions

Review the requirements under 3 AAC 306.510.

8.1. I certify that the marijuana product manufacturing facility will not: Initials

a. **sell, deliver, distribute, or transfer any marijuana, marijuana concentrate, or marijuana product directly to a consumer, with or without compensation;** KD

b. **allow any person, including a licensee, employee, or agent, to consume marijuana, marijuana concentrate, or marijuana product on the licensed premises; or** KD

c. **manufacture or sell any product that is an adulterated food or drink, closely resembles a familiar food or drink item including candy, or is packaged to look like candy, or in bright colors or with cartoon characters or other pictures or images that would appeal to children.** KD

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

Signature of licensee

Kyle A. Denton

Printed name of licensee

VALERIE MASTOLIER
Notary Public
State of Alaska
My Commission Expires Jun 7, 2022

Notary Public in and for the State of Alaska

My commission expires: 6/7/22

Subscribed and sworn to before me this 17 day of September, 2018.

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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:	Shatter		
Product Type:	Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	

Product Description: Details must include the color, shape, and texture.	Color ranges from nearly clear to amber. Shape is amorphous; can be flat or clumpy. Texture can range from smooth/sticky to granular.

Ingredients: This box is not applicable to marijuana concentrates.	

Standard Production Procedure and Detailed Manufacturing Process:	Marijuana plant material will be dunked in ethanol and strained to remove all solids. Solution will be filtered through a 20 micron filter and put into roto evaporators to remove the bulk of the ethanol. The reduced solution will be put into vacuum ovens and baked to remove the balance of the ethanol. Once this process is complete the product will be portioned into the desired package sizes and weighed on state registered scales before being packaged for sale.

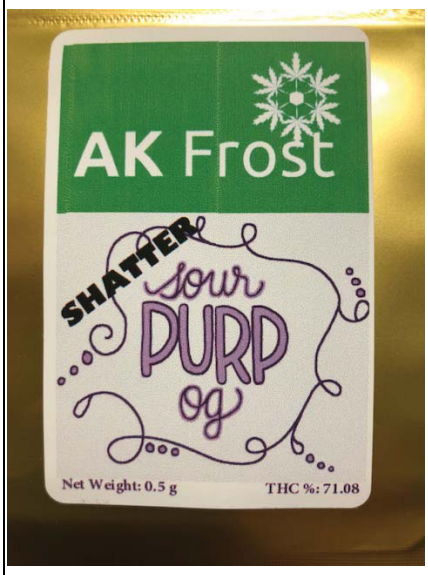
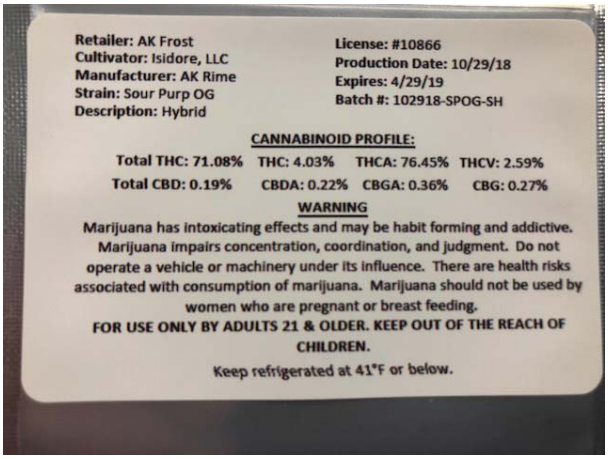
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

Received by AMCO 11.27.18

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:	Shatter
Product Type:	Concentrate

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.	Mylar bags will be used to package shatter in gram and/or half gram bags. Shatter will range in THC content from 35 - 90 % THC. Shatter will be wrapped in craft paper sleaves and put directly in mylar bags. Mylar bags are heat sealed for tamper and child resistance and are resealable.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	  FRONT LABEL BACK LABEL

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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:	Live Resin		
Product Type:	Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	

Product Description: Details must include the color, shape, and texture.	Color ranges from nearly clear to amber. Shape is amorphous; can be flat or clumpy. Texture can range from smooth/sticky to granular. Some moisture is often present.

Ingredients: This box is not applicable to marijuana concentrates.	

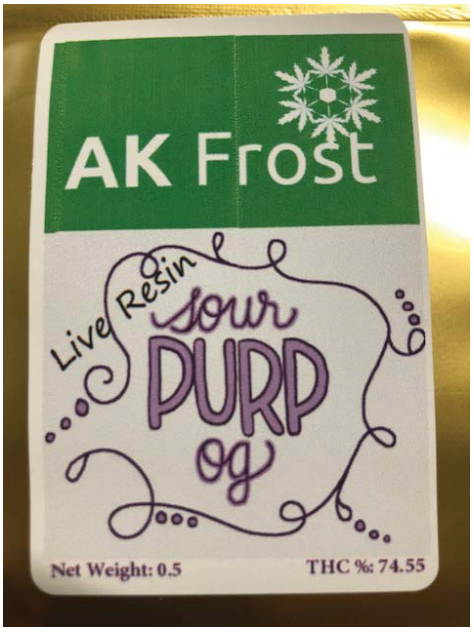
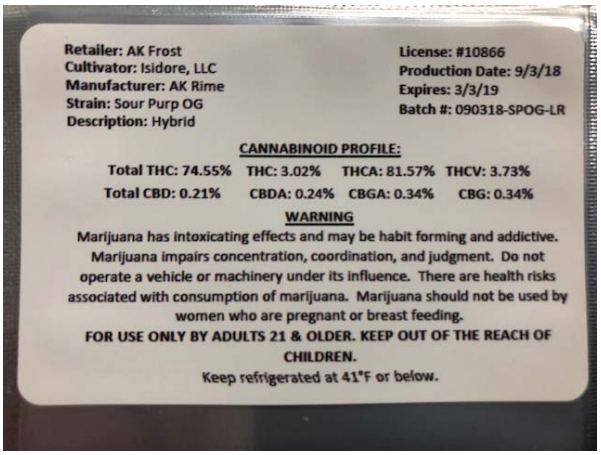
Standard Production Procedure and Detailed Manufacturing Process:	Live resin is extracted using ethanol. The ethanol/cannabis mixture is filtered before the ethanol is removed via distillation and evaporation at reduced pressure.

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:	Live Resin
Product Type:	Concentrate

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.	Mylar bags will be used to package live resin in gram and/or half gram containers. Live resin will range in THC content from 35 - 90 % THC. Live resin will be put in small glass jars or wrapped in craft paper sleaves and put mylar bags. Mylar bags are heat sealed for tamper and child resistance and are resealable.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	 FRONT LABEL  BACK LABEL

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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.

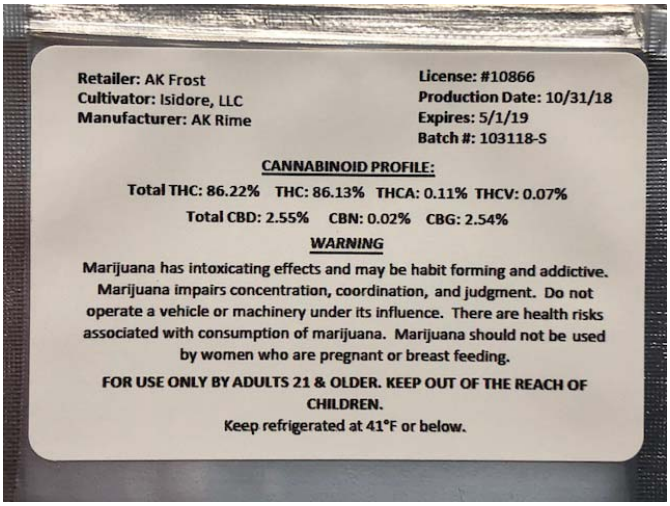
Product Name:	SAP		
Product Type:	Concentrate		
Perishable: Yes/No	No	**Shelf Life:** If perishable.	

Product Description: Details must include the color, shape, and texture.	Color is bright, clear yellow to dark amber. Product is a viscous liquid. Texture is sticky.
Ingredients: This box is not applicable to marijuana concentrates.	
Standard Production Procedure and Detailed Manufacturing Process:	SAP is extracted using ethanol. The ethanol/cannabis mixture is filtered before the ethanol is removed via distillation at reduced pressure, then further refined using distillation at atmospheric pressure. Terpenes may or may not be added for flavor.
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:	SAP
Product Type:	Concentrate

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.	Individual products will consist of 0.5 - 5 grams of 75 - 95% THC packaged directly in glass container, syringe or vaporizer cartridge. Mylar bags will be used to package the individual products. Bags are various solid color on one side and clear on the other. Mylar bags are heat sealed for tamper and child resistance and are resealable.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	 FRONT LABEL BACK LABEL

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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.

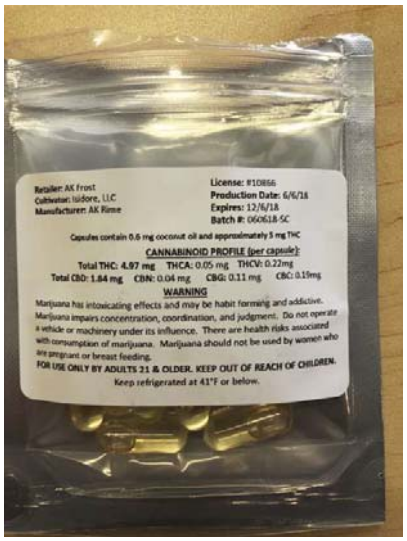
Product Name:	SAP Caps		
Product Type:	Edible		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	12 mos

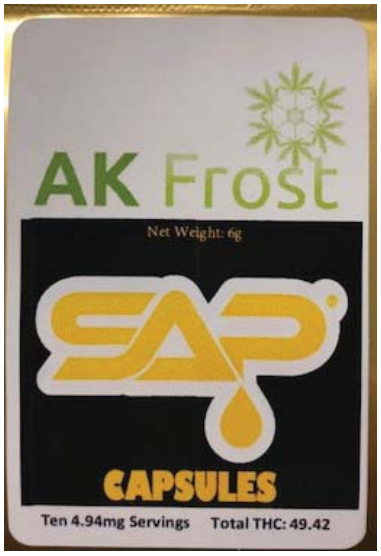
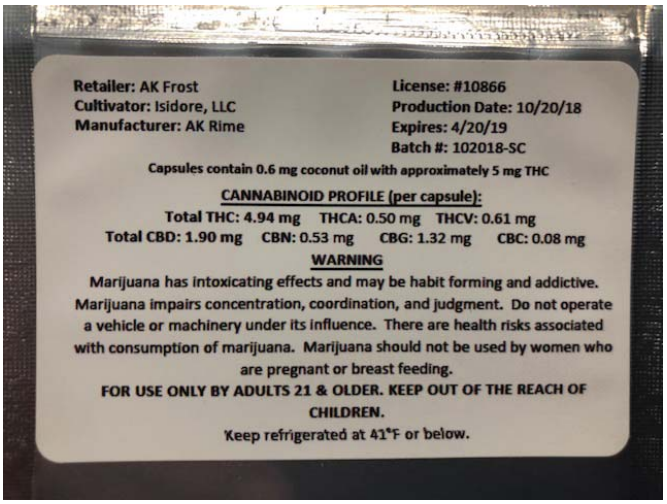
Product Description: Details must include the color, shape, and texture.	Clear capsules filled with a mixture of SAP concentrate (as described above) and oil. Color will be light yellow and translucent. Each capsule will contain 5mg THC.
Ingredients: This box is not applicable to marijuana concentrates.	SAP, capsule, coconut oil, natural plant terpenes.
Standard Production Procedure and Detailed Manufacturing Process:	Empty capsules will be filled with tincture of SAP mixed with oil to obtain desired 5mg THC content per capsule.
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:	SAP Caps
Product Type:	Edible

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.	Mylar bags will be used to package capsules in packages of ten or less. Mylar bags are heat sealed for tamper and child resistance and are resealable. Each capsule = 1 serving containing 5 mg THC. Total THC content of a ten capsule bag will be 50 mg. 

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

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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.

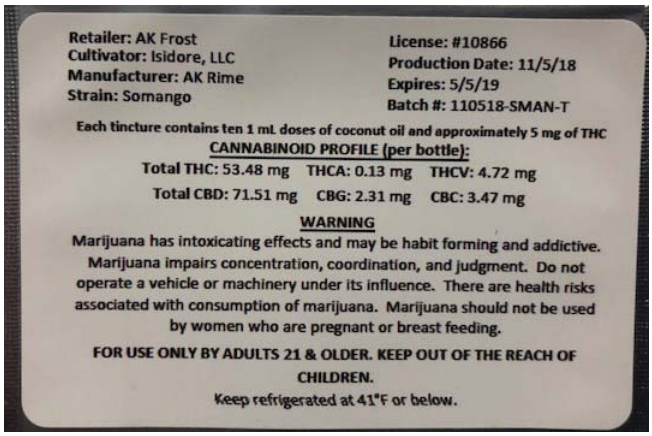
Product Name:	Tincture		
Product Type:	Edible		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	12 mos

Product Description: Details must include the color, shape, and texture.	Tincture is a clear to yellowish orange translucent liquid.
Ingredients: This box is not applicable to marijuana concentrates.	Shatter or SAP and vegetable or coconut oil.
Standard Production Procedure and Detailed Manufacturing Process:	Shatter or SAP is mixed with vegetable/coconut oil to desired THC potency.
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:	Tincture
Product Type:	Edible

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.	Tincture will be placed in glass dropper bottles. Each dropperful will contain one serving with no more than 5mg THC +/- 20%. Each bottle will contain 10 servings of 5mg THC each. Each bottle will contain a total of 50 mg THC. Bottles will be placed in heat sealed child resistant resealable mylar bags.
Sample Labels: Provide sample labels showing how the labeling requirements set forth in 3 AAC 306.570 will be met.	FRONT LABEL  BACK LABEL

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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:	MJ Caramels		
Product Type:	Edible		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	6 mos

Product Description: Details must include the color, shape, and texture.	MJ Caramels are caramel colored, formed in small squares, rectangles or rolls and have a smooth to tacky texture.
Ingredients: This box is not applicable to marijuana concentrates.	SAP produced in this facility, sugar, butter, milk or heavy cream, vanilla and salt.
Standard Production Procedure and Detailed Manufacturing Process:	Melt butter, add sugar and salt. Stir until combined. Gradually add milk; stir constantly. Cook and stir over medium heat, until mixture reaches firm ball stage (245F), about 12-15 minutes. Remove from heat, stir in vanilla and course salt (optional), pour into 9 x 13 pan. Cool, cut and package.
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:	MJ Caramels
Product Type:	Edible

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.	MJ Caramels will be placed in non-stick food safe paper wrapping then packaged in mylar bags. Each carmel will contain 5 mg THC and each package will contain 10 caramels. Mylar bags are heat sealed for tamper and child resistance and are resealable. Serving size = 1 caramel. Total THC content of bag containing 10 caramels = 50 mg.

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

AK Frost

MJ CARAMELS

Net Weight = 100 g

Ten 5mg Servings **Total THC: 50mg**

KEEP OUT OF REACH OF CHILDREN

FRONT LABEL

Retailer: AK Frost
Cultivator: Isidore, LLC
Manufacturer: AK Rime

License: #10866
Production Date: 6/15/17
Expires: 12/15/17
Batch #: CARA61517

Caramels contain sugar, cream, salt, flavorings and thc distillate

CANNABINOID PROFILE

Total THC: 4.99 mg **THC-A:** 00.00 mg
Total CBD: 00.01 mg **CBD-A:** 00.00 mg **CBN:** 00.02mg

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. Marijuana should not be used by women who are pregnant or breast feeding.

FOR USE ONLY BY ADULTS 21 & OLDER. KEEP OUT OF THE REACH OF CHILDREN.

Keep refrigerated at 41°F or below.

BACK LABEL

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:	MJ Chocolates		
Product Type:	Edible		
Perishable: Yes/No	Yes	**Shelf Life:** If perishable.	6 mos

Product Description: Details must include the color, shape, and texture.	MJ Chocolates will vary in color, be formed in a small sherical shape, and have a smooth texture.
Ingredients: This box is not applicable to marijuana concentrates.	SAP produced in this facility, sugar, butter, milk or heavy cream, chocolate or cacao butter. Optional: fresh fruit.
Standard Production Procedure and Detailed Manufacturing Process:	Place cream in a glass or metal bowl. Place the bowl over a pot of boiling water to create a double boiler. Allow the cream to heat up until it is steaming, and just beginning to show signs of simmering (do not let it boil). Remove the bowl from the heat. Add in the butter/cacao butter, chocolate and thc distillate. Place the bowl back over the boiling water, and using a spatula, melt and mix in the butter and chocolate. Optional: Once all this is mixed, additional flavorings may be added. You should now be left with a well-mixed chocolate ganache. Use your spatula to evenly spread it out into a Pyrex or glass dish. Place the dish in a cool, dark place for 3-4 hours. It should nicely firm up. Place some non-stick cooking paper onto a baking tray. Take the ganache, and using either hands or an ice cream scoop, form it into small balls. Place the balls onto the baking tray and put it into the fridge to allow the balls to properly set.
Depiction: Provide a photograph, drawing, or graphic representation of the expected appearance of the final product.	

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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:	MJ Chocolates
Product Type:	Edible

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.	MJ Chocolates will be placed in non-stick food safe paper wrapping then packaged in mylar bags. Each chocolate will contain 5 mg THC and each package will contain 10 chocolates. Mylar bags are heat sealed for tamper and child resistance and are resealable. Serving size = 1 chocolate. Total THC content of bag containing 10 chocolates = 50 mg.

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

AK Frost

MJ CHOCOLATES

Net Weight = 100 g

Ten 5mg Servings **Total THC: 50mg**

KEEP OUT OF REACH OF CHILDREN

FRONT LABEL

Retailer: AK Frost
Cultivator: Isidore, LLC
Manufacturer: AK Rime

License: #10866
Production Date: 6/15/17
Expires: 12/15/17
Batch #: CHCO61517

Chocolates contain sugar, cream, cocoa, flavorings and sap concentrate

CANNABINOID PROFILE

Total THC: 4.99 mg **THC-A:** 00.00 mg
Total CBD: 00.01 mg **CBD-A:** 00.00 mg **CBN:** 00.02mg

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. Marijuana should not be used by women who are pregnant or breast feeding.

FOR USE ONLY BY ADULTS 21 & OLDER. KEEP OUT OF THE REACH OF CHILDREN.

Keep refrigerated at 41°F or below.

BACK LABEL