

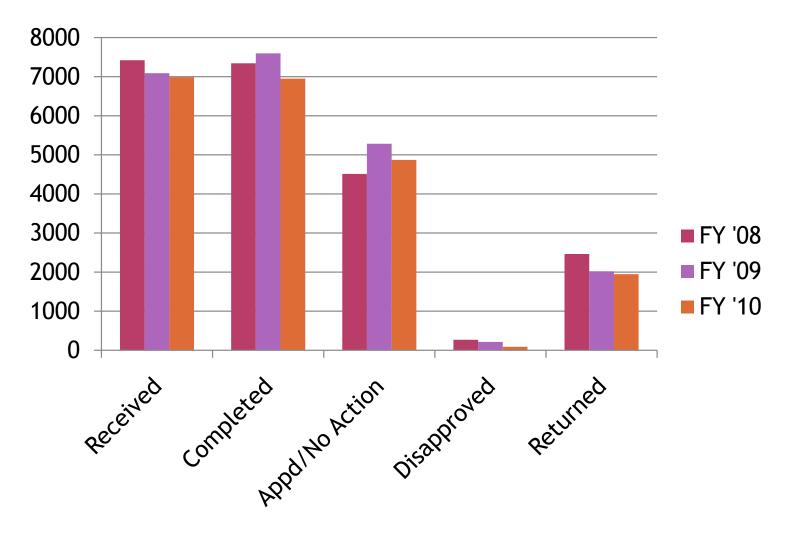
## 102<sup>ND</sup> ANNUAL FEMA MEETING

Janet Scalese Rachel Sanderoff TTB Nonbeverage Products Lab



- Formula Stats
- Revision of Drawback Tutorial
  - Guidelines
- SDA Regulation Revision
- New Methods
- Formulas Online (FONL)

## FORMULA STATISTICS

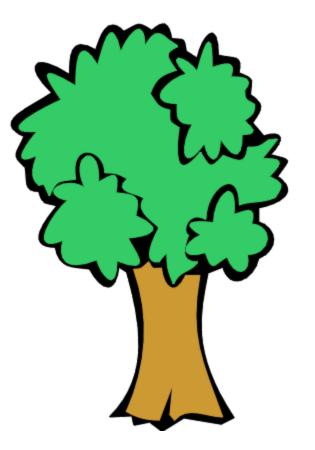


## FORMULA FACTS

• Returns still high (~28%)

## Top Reasons

- Calculation Errors
- Disclosure of information
- Missing/Incomplete information
- Improvement in percentage meeting target
  - **FY '10** 77%
  - **FY '09 68**%
  - **•** FY '08 55%



# Save a tree! Now, submit in duplicate instead of triplicate.

## DRAWBACK TUTORIAL

- Revision in progress
  - Topic based
  - Better navigation
  - Based on input from FEMA
- Expanding scope
- Better examples

		Español   Fra	nçais   中文   Accessibility   Priv	vacy Notice   Contact Us   S	ite Map   A-Z Index	Search	P   Search Help
HOME	BEER	WINE	DISTILLED SPIRITS	OTHER ALCOHOL	TOBACCO	FIREARMS & AI	MMUNITION

#### E-mail Updates

#### **Drawback Tutorial**

#### Drawback Tutorial Home

- TTB F 5154.1
- Glossary/References
- <u>Calculations</u>
- Unfitness for Beverage Purposes
- Naming Nonbeverage Products
- Components of Formulas
- Submitting Samples with Formulas
- Revisions to Approved Formulas
- Special Products
- Example Formulas

#### **Drawback Tutorial Home**

After having reviewed thousands of nonbeverage drawback formulas, many of which contained similar errors, TTB's Nonbeverage Products Laboratory (NPL) chemists decided to construct a tutorial to both codify what the NPL is looking for in formulas and to assist industry members with questions when filling out the TTB Form 5154.1 The Tutorial is topic-based with similar topics grouped under a general heading.

In addition to the topical listing, the Tutorial contains worksheets to determine whether a product is unfit for beverage purposes and ones to assist in performing the calculations required on the form. There are sample formulas representing various types of manufacturing processes and explanations of the calculations for each of these types.

As issues evolve and as time allows, the NPL will expand the topics and the types of sample formulas. Please sign up to be notified of tutorial updates by clicking here (E E-mail Updates). Visitors to the Tutorial can make suggestions for topics and formulas by contacting the NPL at <u>drawback@ttb.gov</u> however, please do not send status requests to this address.

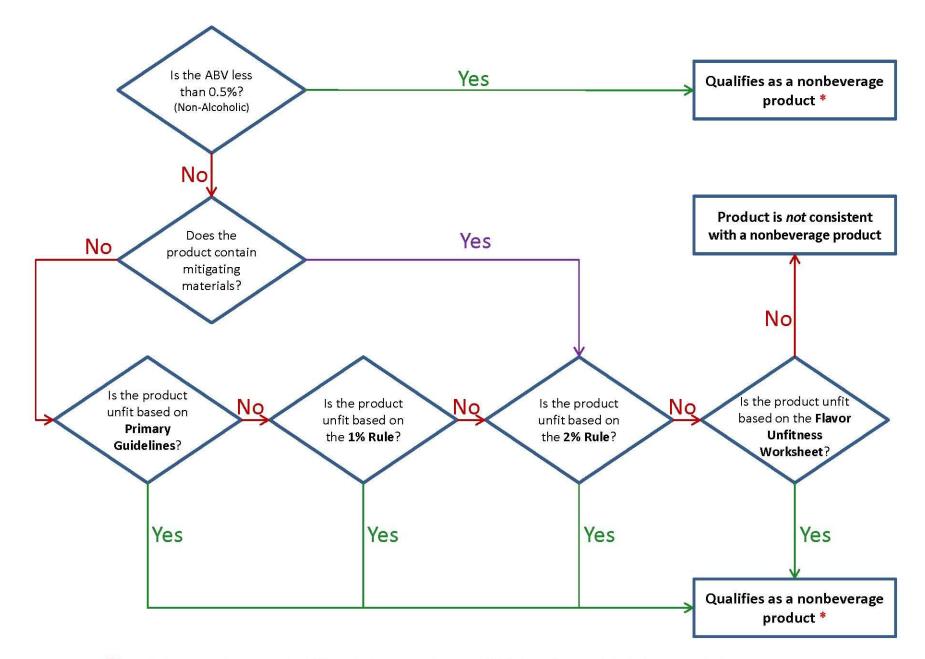
Back to Nonbeverage Products Laboratory page

## GUIDELINES AND FUW

 Various ways to determine unfitness will be listed under one heading

• Will be better displayed in revised tutorial

 Will include flow chart for better decisionmaking



\* Submissions must also meet other TTB regulations regarding name, GRAS ingredients and alcohol content calculations

## GUIDELINES VS FUW

## Choose simplest reason for unfitness

- If product contains 85% p.g. and no mitigating ingredients, don't worry about FUW
- Make certain that you are correct in your determination
  - Don't indicate a product is unfit on a particular material when it is not
- No need to include a copy of the FUW; identify ingredient and state amount on formula

## FORMULAS ONLINE

## FORMULAS ONLINE

Online submission of Drawback and SDA formulas

## • The Highlights!

- Automatic calculations
- Status tracking through system
- Automatic notification of completed formula
- E-Mail TTB staff

## FORMULAS ONLINE

- Various formula types
  - Simple Mixture
  - Filtration
  - Washed Extract
  - Dietary Supplement
  - Other No Automatic Calculations

Alcohol Calculations Automatic

### Example:

DEPARTMEN	T OF THE	TREASUR	۲Y		1. FORMULA NUMBER
BUREAU OF ALCOHO	DL, TOBA	CCO AND F	FIREARMS		140
FORMULA AND PROCESS					2. KIND (e.g. Alcohol, Rum)
(See instructions attached-Prepar	re in triplicate,				PROOF OF SPIRITS ON WHICH
3. NAME OF PRODUCT.		4. CHECK IF		<ol> <li>NUMBER OF DAYS TO COMPLETE PROCESS</li> </ol>	DRAWBACK WILL BE CLAIMED.
Natural Raspberry Flavor WO		WILL BE 3		COMPLETE PROCESS	Alcohol 190 proof Disapproved #12
				1	Disappioved #12
6. NAME OF THE MANUFACTURER & ADDRESS WH	IERE PRODU	ICTS WILL	7. CHECK K	ND OF PRODUCT:	8. FORMULAS SUPERSEDED.
BE PRODUCED (if multiple production sites, list other add	dresses on rev	/erse).		E/ MEDICINAL PREPARATION	
			112-2018 - 2019	AVORING EXTRACT	
Company A 6000 Ammendale Rd				ABSOLUTE ALCOHOL	10. ALCOHOL CONTENT BY VOLUME
Beltsville, MD 20705				USED. (See instructions)	OF FINISHED PRODUCT.
Deltaville, MD 20700			VOLUME	31.6%	30.6% ± 2.5
					50.0 % I 2.5
11. IF MADE WITH RECOVERED SPIRITS: ELIGIBLE PLUS RECOVERED ABSOLUTE ALCOHOL			BE USED IN ALCO	HOLIC BEVERAGES:	
BY VOLUME USED. (See instructions).					ding Vanillin, Ethyl Vanillin,Maltol, Ethyl Maltol)?
	(Yes or No)	boor contrart	and there in a second		ang Camin, Engi Camin, Marai, Engi Maraiy
	C. STATE PA	RTS PER MILLION	N IN PRODUCT OF	: VANILLIN	ETHYL VANILLIN
	SYNTHE	TIC MALTOL		ETHYL MALTOL	
	D. DOES PRODU	ICT CONTAIN A COLO	R ADDITIVE?	IF YES, WHICH?	
		EDIENTS APPROVED	D BY FDA FOR USE W	ITHOUT LIMITATION OR RESTRICTION?	YES OR NO)
13. FORMULA AND PROCESS (Use Additional Space on Reverse if Nece	issary).			25 lbo (2.60 gal)	
Ethanol 190 proof				25 lbs (3.68 gal)	
Propylene Glycol				55.8 lbs	
Citric Acid				8.7 lbs	
Tannic Acid				6.3 lbs	
Nat Raspberry Flavor (5% abv, disa				4.1 lbs (0.51 gal)	
Nat Ethyl Butyrate (0.05 lbs) and ot	her natu	ral esters	5	0.09 lbs	
Nat Trans-2-Hexenal				0.01 lbs	
	_		1.20 1.1		<b>.</b>
				100 lbs (11.5 gal	
		Actu	al Yield	97 lbs (11.155 ga	al)
density = 8.696 lbs/gal					
Filtration					
14. CONTACT PERSON (Include Area Code & Phone No.)	15. SIGNATU	JRE & TITLE	OF APPLICAT	ION OR AUTHORIZED AG	ENT. 16. DATE.
	CANT: PLEA	SE MAKE NO	ENTRY BEL	OW THIS LINE.	
17. LABORATORY SAMPLE NUMBER. 18. ACTION.					
19. ALCOHOL BY VOLUME.					
%					
20. ANALYST.					
21. DATE					



### **Welcome to TTB Online**

Publicly available services:

- To view publicly available information about COLAs (both those filed via paper form and online), you may visit the <u>Public COLA Registry</u>.
- View the TTB Online Frequently Asked Questions (FAQ) page on the TTB Internet site.

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While the Alcohol and Tobacco Tax and Trade Bureau (TTB) makes every effort to provide complete information, data such as company names, addresses, permit numbers, and other data provided in the registry may change over time. TTB makes no warranty, expressed or implied, and assumes no legal liability or responsibility as to the currency, reliability or completeness of furnished data. TTB welcomes suggestions on how to improve our Public COLA Registry. Please contact us via email at fonlwebmaster@ttb.treas.gov.

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SUBMISSION ID SUBMISSION TYPE	PAPER	SUBMISSION STATUS	SUBMISSION DATE	ENTERED BY	SUBMITTER		

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### Home Screen:

Can select a type of new formula to submit.

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Create a new formula or supersede an existing formula.

<b>Superseding</b>	Existing	<u>Formula</u>

Requires: FONL ID#s (available in dropdown) or Co. Code and TTB # (not in FONL)

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Approved TTB Formul ID:		Approved Company Formula #: OR	POMADD-POM ADDITIVES-1	* 2	
TTB Formul ID:	OR			UBMI	TTER I Sanderoff
Company Code:	OK	Company Formula #:	ĺ		I Sanderoff

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Main     Formula     Samples       Print     Comment     Uplo       Paper Submission			
*      © Create New Formula      *	© Supersede Existing Formula	TTB Formula ID:	Main Tab: Basic information
Company ID: POMADD	Company Name: POM ADDITIVES		- TTB # - Product Name - Product Type
* Product Type:			- Product Type
* Kind of Spirits On Which I	Drawback Will Be Claimed: Alcohol 190 Pr	oof	
Address Type	Name	Telephone	E-mail Address

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### Formula and Process for Nonbeverage Product o

Main <u>Formula</u> <u>Samples</u> Print   Comment   Uplo		<u>(s</u>		DEPARTME BUREAU OF ALCOH FORMULA AND PROCES	IOL, TOBA	CCO AND DNBEVE	FIREARMS	DUCT	1. FORMULA NUMBER     140     2. KIND (e.g. Alcohol, Rum)     PROOF OF SPRITS ON WHICH     ERAWBACK WILL BE CLAMED.     Alcohol 190 proof
<ul> <li>Paper Submission</li> <li>*          <ul> <li>Create New Formula</li> <li>O</li> </ul> </li> </ul>	© Supersede Existing Formula	3		Company A 6000 Ammendale Rd Beltsville, MD 20705	HENELHNODA	verse).	FLAVOR/I	USED. (See instructions)	Disapproved #12 8 FORMULAS SUPERSEDED. 9 ALCOHOL CONTENT BY VOLUME OF FINISHED PRODUCT.
* Company Formula #: Company ID: POMADD	POMADD - 140 Company Name: POM ADDITIVES		т	11. IF MADE WITH RECOVERED SPIRITS; ELIGIBLE PLUS RECOVERED ABSOLUTE ALCOHOL BY VOLUME USED. (See instructions)	A. DOES PROD B. DOES PRO (Yes or No) C. STATE P/ SYNTH	UCT CONTAIN NAT DDUCT CONTA NRTS PER MILL ETIC MALTO	URAL FLAVORING? (YE IN GREATER THAN	0.1% ARTIFICIAL FLAVORING (Excl	30.6% ± 2.5
* Product Name: * Product Type: * Kind of Spirits On Which I Contacts Address Type	Natural Raspberry Flavor WONF	0 190 Proof		13. FORMULA AND PROCESS (Use Additional Space on Reverse if We Ethanol 190 proof Propylene Glycol Citric Acid Tannic Acid Nat Raspberry Flavor (5% abv, disc Nat Ethyl Butyrate (0.05 lbs) and o Nat Trans-2-Hexenal density = 8.696 lbs/gal Filtration	approved ther natu	l #12) ral este Theoret	rs ical Yield	25 lbs (3.68 gal) 55.8 lbs 8.7 lbs 6.3 lbs 4.1 lbs (0.51 gal 0.09 lbs 0.01 lbs 100 lbs (11.5 ga 97 lbs (11.155 g	)
				14. CONTACT PERSON (Include Area Code & Phone No.)           APPI           17. LABORATORY SAMPLE NUMBER.           18. ACTION           19. ALCOHOL BY VOLUME.           %           20. ANALYST.	LICANT: PLE			TION OR AUTHORIZED AG	ENT. 16. DATE.

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* Company Formula #: Company ID: POMADD	POMADD - 140 Company Name: POM ADDITIVES	TTB Formula ID:		
* Product Name:	Natural Raspberry Flavor WONF			
* Product Type:	Flavor/Flavoring Extract 🔹			
* Kind of Spirits On Whic	ch Drawback Will Be Claimed: Alcohol 190 P	roof	1	
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Summary @				Form	ula information	
* Measurements Used:	English	Metric		Drocor		
* Process Type: 0		•		-Proces	ss type	
Low Eligible Absolute Alcohol Used: Alcohol Content of Finished Product: Eligible Plus Recovered Spirits:	HIC Simple Mixture Filtration Washed Extra Other %	e v v v v v v v v v v v v v v v v v v v	OLERANCE	-Eligibl -Densit -Yields	-	
Is calculated alcohol content of finished produc	t not the same as dec	lared alcohol content?		-Ingrec	lients	
* Density of Finished Product:						
* Number of Days to Complete Process:						
1200	EIGHT (LB)	WEIGHT (LB) (HIGH)	VOLUME (C	GAL)	VOLUME (GAL) (HIGH)	
Theoretical Yield:						

### Alcoholic Beverage Use @-

Is Finished Product to be Used In Alcohol Beverages?

Print   Comment   Upload

En	glish 🔘 Metric				
	•				
Low HI	Mixture	TOLERANCE			
Filtratio	n	*			
Washe Other	ed Extracts	•	-		
	70 V/V			Must fire	t soloct a
product not the come	an declared alcohol conten	+7		Muschis	
product not the same a				process t	vpe
				p: 00000	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
WEIGHT (LB)	WEIGHT (LB)	VOLUME (GAL)	VOLUME (GAL)		
(LOW)	(нісн)	(LOW)	(HIGH)		
Structure 1.2	Low HI Simple Filtratic Washe Other product not the same WEIGHT (LB)	Low HI Simple Mixture Filtration Washed Extracts Other 70 V/V product not the same as declared alcohol conter WEIGHT (LB) WEIGHT (LB)	Low       HI       Simple Mixture       TOLERANCE         Filtration       Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content of the same as declared alcohol content of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcohol content of the same as declared alcohol content of the same as declared alcohol content?       Image: Comparison of the same as declared alcohol content?         Image: Comparison of the same as declared alcoho	Low       HI       TOLERANCE         Filtration       Image: Construct of the same as declared alcohol content?       Image: Construct of the same as declared alcohol content?         product not the same as declared alcohol content?       Image: Construct of the same as declared alcohol content?       Image: Construct of the same as declared alcohol content?         WEIGHT (LB)       WEIGHT (LB)       Volume (GAL)       Volume (GAL)	Low       HI       Simple Mixture         Filtration       Vashed Extracts       Velocher         Vashed Extracts       Velocher       Velocher         product not the same as declared alcohol content?       Must first process t         WEIGHT (LB)       WEIGHT (LB)       Volume (GAL)

### 🛛 Alcoholic Beverage Use 🚱 –

Is Finished Product to be Used In Alcohol Beverages?

Additional Details 🛛 🚽	
Unfit for Beverage Statement:	
	*
1000 characters left	
Taste Panel Results:	
1000 characters left	
Formula Information and Process:	
	*

Main	Formula	Samples	Company	Comments	Docs/Links	
Print	Commen	t   Upload				
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* Process Type: 🛿		Filtrat	ion 👻			
	Low	Нісн	UNIT	Т	TOLERANCE	
Eligible Absolute Alcohol Used:			% v/v	~		
Alcohol Content of Finished Product:	-		% v/v	+		
Eligible Plus Recovered Spirits:			% v/v	+		
Is calculated alcohol content of finished	l product r	not the same	e as declared alcohol co	ontent?		
<ul> <li>Is calculated alcohol content of finished</li> <li>* Density of Finished Product:</li> <li>* Number of Days to Complete Process:</li> </ul>		not the same	as declared alcohol co	ontent?		
* Density of Finished Product:		not the same	weight (LB)	ontent?	VOLUME (GAL)	VOLUME (GAL)
* Density of Finished Product:		:нт (lb)		ontent?	VOLUME (GAL) (LOW)	VOLUME (GAL) (HIGH)
* Density of Finished Product:	WEIG	:нт (lb)	WEIGHT (LB)	ontent?		

.....

#### Alcoholic Beverage Use 🛛 -

Is Finished Product to be Used In Alcohol Beverages?

#### Alcoholic Components/Compounded Flavors @

- Does product contain eligible alcohol?
- Does product contain disapproved intermediates?
- Does product contain ineligible alcohol?

#### Nonalcoholic Components @

- Does product contain ingredients by group?
- Does product contain individual solid ingredients?
- Does product contain individual liquid ingredients?

#### Additional Details @-

Unfit for Beverage Statement:

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Paper Submission						
						FORMULA NUMBER
Summary 🛛					Any automa	atically
Measurements Used: Process Type: 0		Engl Filtration	A REPORT OF A REAL PROPERTY OF		calculated box	res cannot
	Low H	ІІСН	UNIT	TOLERANCE		
Eligible Absolute Alcohol Used:			% v/v	*	be filled in	by user.
Alcohol Content of Finished Product:			% v/v	-		ALCOHOL CONTENT BY VO
Eligible Plus Recovered Spirits:			% v/v			OF FINISHED PRODUCT.
<b>-</b>						30.6% ± 2.5
Is calculated alcohol content of finished	I product not the	e same as	3 declared alcohol co	ontent?		y Vanillin, Ethyl Vanillin, Maltol, Ethyl
Density of Finished Product:	8.696					TYL VANILLIN
Number of Days to Complete Process:	1					
	WEIGHT (LE	в)			Noume (ou)	OR NO)
		-/	WEIGHT (LB)	VOLUME (GAL	) VOLUME (GAL)	
	(LOW)		(HIGH)	(LOW)	(HIGH)	
Theoretical Yield:						
Theoretical Yield: Actual Yield:	(LOW) * 97					
			(нісн)	(LOW)		s
			(нісн)	(LOW)	(нісн)	
Actual Yield:	* 97		(HIGH)	(LOW)	(HIGH) (HIGH) s) and other natural esters 0.09 ID 0.01 Ib Th <u>eoretical Yield 100 Ibs</u>	s : (11.5 gal)
Actual Yield:	* 97		(HIGH)	(LOW)	(HIGH) (HIGH) s) and other natural esters 0.09 ID 0.01 Ib	s : (11.5 gal)
Actual Yield: Submitter ente	* 97 rs dens	sity a	(HIGH)	(Low) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal	(HIGH) (HIGH) s) and other natural esters 0.09 ID 0.01 Ib Th <u>eoretical Yield 100 Ibs</u>	s : (11.5 gal)
Actual Yield:	* 97 rs dens	sity a	(HIGH)	(Low) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal	(HIGH) (HIGH) s) and other natural esters 0.09 ID 0.01 Ib Th <u>eoretical Yield 100 Ibs</u>	s : (11.5 gal)
Submitter ente	* 97 rs dens d weigl	sity a ht.	(HIGH)	(Low) (Low) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal density = 8.696 lbs/gal	s) and other natural esters 0.09 lb 0.01 lb Theoretical Yield 100 lbs Actual Yield 97 lbs	s : (11.5 gal) (11.155 gal)
Actual Yield: Submitter ente	* 97 rs dens d weigl	sity a ht.	(HIGH)	(Low) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal	s) and other natural esters 0.09 lb 0.01 lb Theoretical Yield 100 lbs Actual Yield 97 lbs	s : (11.5 gal) (11.155 gal)
Submitter ente	* 97 rs dens d weigl eight is c	sity a ht.	and [ated	(Low) (Low) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal density = 8.696 lbs/gal	s) and other natural esters 0.09 lb 0.01 lb Theoretical Yield 100 lbs Actual Yield 97 lbs	s (11.5 gal) (11.155 gal) IHORIZED AGENT. 16. DATE.
Submitter ente actual yield Theoretical yield we	* 97 rs dens d weigl eight is c	sity a ht.	and lated onts.	(Low) (Low) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal density = 8.696 lbs/gal	s) and other natural esters 0.09 lb 0.01 lb Theoretical Yield 100 lbs Actual Yield 97 lbs	s (11.5 gal) (11.155 gal) IHORIZED AGENT. 16. DATE.
Submitter ente actual yield Theoretical yield we	* 97 rs dens d weigl eight is c ed on ing	sity a ht. calcul redie	and lated onts.	(LOW) Nat Ethyl Butyrate (0.05 lb Nat Trans-2-Hexenal density = 8.696 lbs/gal Filtration 4. CONTACT PERSON (Include Area Code 8	S) and other natural esters 0.09 ID 0.01 Ib Theoretical Yield 100 Ibs Actual Yield 97 Ibs	s (11.5 gal) (11.155 gal) [HORIZED AGENT. 16. DATE.

Paper Submission						
Summary 🛛						
Measurements Used:		@ E	nglish M	Catric		
Process Type: 0		Filtrat	tion •	-		
	Low	Нібн	UNIT		TOLERANCE	
Eligible Absolute Alcohol Used:			% v/v			
Alcohol Content of Finished Product:			% v/v			
Eligible Plus Recovered Spirits:			% v/v	•		
Is calculated alcohol content of finished p	product no	t the same a	s declared al	cohol content?		
Density of Finished Products	8.696					
Number of Days to Complete Process						
		інт (LB)	WE	IGHT (LB)	VOLUME (GAL)	VOLUME (GAL)
	(LOW	10000000000000000000000000000000000000		ан)	(LOW)	(нідн)
Theoretical Yield:	0		]		0	
Actual Yield:	• 97				11.155	
Alcoholic Reverage Use <b>O</b>						
Alcoholic Beverage Use @ Is Finished Product to be Used In / Alcoholic Components / Compounder Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components @	ed Flavo		2			
Is Finished Product to be Used In / Alcoholic Components/Compounde Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components 0	ed Flavo		2			
Is Finished Product to be Used In / Alcoholic Components/Compounde Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components O Does product contain ingredients by group	ed Flavo ediates?		?			
Is Finished Product to be Used In / Alcoholic Components / Compounder Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components @ Does product contain ingredients by group Does product contain individual solid ingredients	ed Flavo ediates? o? edients?		2			
Is Finished Product to be Used In / Alcoholic Components/Compounde Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components O Does product contain ingredients by group Does product contain individual solid ingre Does product contain individual liquid ingre	ed Flavo ediates? o? edients?		2			
Is Finished Product to be Used In / Alcoholic Components / Compounder Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components O Does product contain ingredients by group Does product contain individual solid ingredients	ed Flavo ediates? o? edients?		2			
Is Finished Product to be Used In / Alcoholic Components/Compounde Does product contain eligible alcohol? Does product contain disapproved interm Does product contain ineligible alcohol? Nonalcoholic Components O Does product contain ingredients by group Does product contain individual solid ingre Does product contain individual liquid ingre	ed Flavo ediates? o? edients?		2			

## Is this product to be used in alcohol beverages?

### Alcoholic Beverage Use @

Is Finished Product to be Used In Alcohol Beverages?

Checking the box opens the section and allows for more information to be entered.

### Alcoholic Beverage Use @

Is Finished Product to be Used In Alcohol Beverages?		
<ul> <li>Product Contains Natural Flavoring</li> <li>Product Contains &gt; 0.1% Artificial Flavoring (excludes Vanillin, Ethyl Vanillin, Maltol, Ethyl Maltol)</li> </ul>	TTB LIMITED INGREDIENT	PARTS PER MILLION
Product Contains Color Additive	Synthetic	1
All FDA Approved Ingredients Are Without Limitation	Vanillin: Ethyl Vanillin:	
	Synthetic Maltol:	
	Ethyl Maltol:	

Main Formula Samples Company Ci	ommenta (	Docs/Links										
Print Comment Upload												
Paper Submission								Ent	eri	ng l	ngredi	ents
Summary 0												
Measurements Used:		e En	glish Matri	ic								
Process Type: 0		Filtratio										
	Low	Нібн	UNIT	То	LERANCE							
Eligible Absolute Alcohol Used:			] % v/v	-			DEPARTI	MENT OF THE	TREASU	RY		1. FORMULA NUMBER
Alcohol Content of Finished Product:		1	°% v∕v	-			BUREAU OF ALCO					140
Eligible Plus Recovered Spirits:			%v⁄v	•			FORMULA AND PROC					2. KIND (e.g. Alcohol, Rum)
							(See instructions attached-F 3. NAME OF PRODUCT.	repare in triplicate, e		F SAMPLE	5. NUMBER OF DAYS TO	PROOF OF SPIRITS ON WHICH DRAWBACK WILL BE CLAIMED.
Is calculated alcohol content of finished p	product not	the same as (	declared alcohol	content?			Table - Heller State and the second state - The Condensation interview of the		WILL BE	SUBMITTED	COMPLETE PROCESS	Alcohol 190 proof
Density of Finished Product:	8.696						Natural Raspberry Flavor V	NONF			1	Disapproved #12
Number of Days to Complete Process							6. NAME OF THE MANUFACTURER & ADDRESS	S WHERE PRODUC	CTS WILL	7. CHECK K	ND OF PRODUCT:	8. FORMULAS SUPERSEDED.
	WEIGH	T (18)	WEIGHT (	(18)	VOLUME (GAL)	VOLUME	BE PRODUCED ( if multiple production sites, list othe	er addresses on reve	erse).	the second	E/ MEDICINAL PREPARATION	
	(LOW)	1 (16)	(нісн)	(16)	(LOW)	(HIGH)	Company A			FLAVOR/FL	AVORING EXTRACT	
Theoretical Yield:	0	1			0		6000 Ammendale Rd				ABSOLUTE ALCOHOL	10. ALCOHOL CONTENT BY VOLUME
Actual Yield:	. 97	1		1	11.155		Beltsville, MD 20705			VOLUME	USED. (See instructions)	OF FINISHED PRODUCT.
											31.6%	30.6% ±2.5
							11. IF MADE WITH RECOVERED SPIRITS: ELIGIBLE PLUS RECOVERED ABSOLUTE ALCOH				HOLIC BEVERAGES:	
Alcoholic Beverage Use @			( ) ( )				BY VOLUME USED. (See instructions).	1. 00201110000		AL FLAVORING? (YES GREATER THAN 0.		ding Vanillin, Ethyl Vanillin,Maltol, Ethyl Maltol)
Is Finished Product to be Used In A	Alcohol Be	everages?						(Yes or No)				
Aleshalis Components (Compound		- 0							TS PER MILLIO	N IN PRODUCT OF	F: VANILLIN ETHYL MALTOL	ETHYL VANILLIN
Alcoholic Components/Compounde	eu Flavor	5 0						D. DOES PRODUC		DR ADDITIVE?	IF YES, WHICH?	
Does product contain eligible alcohol?								COMPANY OF THE CARL DRIVE AND ADDRESS	DIENTS APPROVE	D BY FDA FOR USE W	THOUT LIMITATION OR RESTRICTION?	YES OR NO)
Does product contain disapproved interm	ediates?						13. FORMULA AND PROCESS (Use Additional Space on Reverse in	if Necessary).			25 lb a /2 C0 mall	
Does product contain ineligible alcohol?							Ethanol 190 proof Propylene Glycol				25 lbs (3.68 gal) 55.8 lbs	
Nonalcoholic Components @							Citric Acid				8.7 lbs	
nonalconone components o							Tannic Acid				6.3 lbs	
🔲 Does product contain ingredients by group	p?						Nat Raspberry Flavor (5% abv, d	lisapproved	#12)		4.1 lbs (0.51 gal)	
📃 Does product contain individual solid ingr	edients?						Nat Ethyl Butyrate (0.05 lbs) and	other natur	al ester	s	0.09 lbs	
📃 Does product contain individual liquid ingi	redients?						Nat Trans-2-Hexenal				0.01 lbs	
Additional Details 🛛 🚽								т	hoorotic	al Viold	100 lbs (11.5 gal	N
Unfit for Beverage Statement											97 lbs (11.155 ga	
				~			density = 8.696 lbs/gal					
1000 characters left							Filtration					
Taste Panel Results:												
				*				-				
							14. CONTACT PERSON (Include Area Code & Phone No.)	15. SIGNATU	RE & TITLE	OF APPLICAT	ION OR AUTHORIZED AG	ENT. 16. DATE.
1000 characters left												
								PPLICANT: PLEAS	SE MAKE NO	DENTRY BEL	OW THIS LINE.	
Formula Information and Process:							17. LABORATORY SAMPLE NUMBER. 18. ACTIV	ION.				
				~								
				Ŧ			19. ALCOHOL BY VOLUME.					
							%					
							20. ANALYST.					

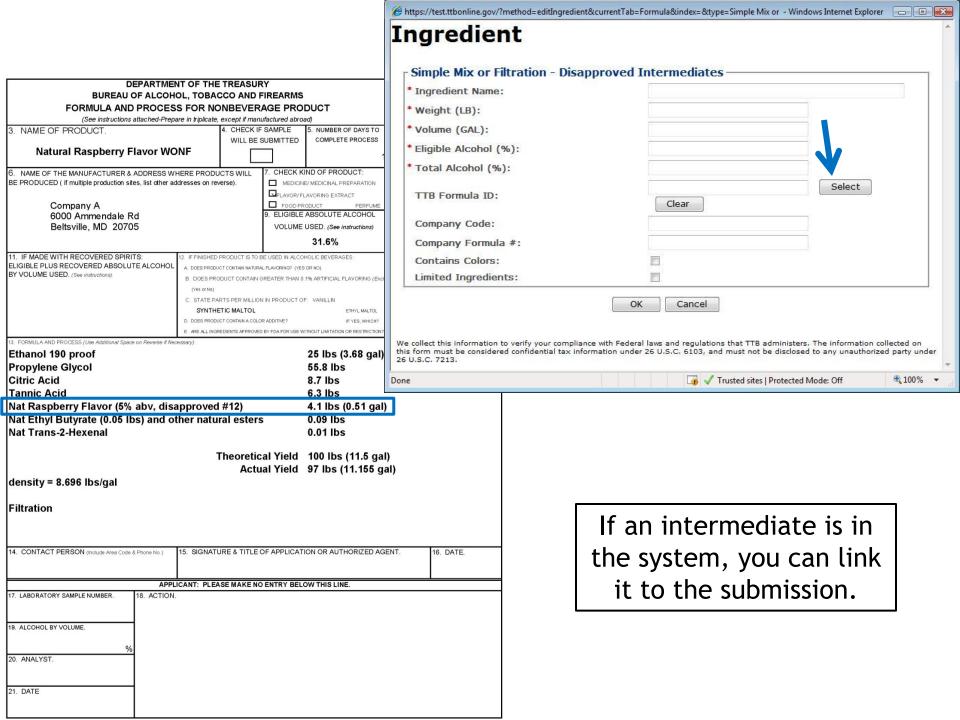
21. E	DATE	

Summary 0	
* Measurements Used:	Checking a box allows
* Process Type: 😡	ingredients to be entered.
	low H Heredients to be entered.
Eligible Absolute Alcohol Us	
coholic Components /Co	a Braduet
coholic Components/Co	
Does product contain eligible	alcohol?
	WEIGHT (LB) VOLUME (GAL) DENSITY ALCOHOL(%)
INGREDIENT	
	WEIGHT (LB) VOLUME (GAL) (LB/GAL) ALCOHOL (90)
	Add Delete
Does product contain disappr	Add Delete
	Add Delete roved intermediates?
<ul> <li>Does product contain disappr</li> <li>Does product contain ineligiblic</li> </ul>	Add Delete roved intermediates?
	Add Delete roved intermediates?
	Add Delete roved intermediates? ile alcohol?
Does product contain ineligible	Add Delete roved intermediates? ele alcohol?
Does product contain ineligible	Add Delete roved intermediates? ile alcohol?
Does product contain ineligible Alcoholic Beverage Use Is Finished Product to b	Add Delete roved intermediates? ele alcohol?
Does product contain ineligible Alcoholic Beverage Use Is Finished Product to be Alcoholic Components/C	Add Delete roved intermediates? ele alcohol?
Does product contain ineligible Alcoholic Beverage Use Is Finished Product to be Alcoholic Components/C Does product contain eligit	Add Delete roved intermediates? le alcohol?  Compounded Flavors 0  ble alcohol?
Does product contain ineligibl Alcoholic Beverage Use Is Finished Product to b Alcoholic Components/C	Add Delete roved intermediates? le alcohol?  Compounded Flavors 0  ble alcohol?
Does product contain ineligible Alcoholic Beverage Use Is Finished Product to be Alcoholic Components/C Does product contain eligit	Add Delete roved intermediates?  Add Delete  roved intermediates?  Compounded Flavors O  ble-alcohol?  pproved intermediates?
Does product contain ineligible Alcoholic Beverage Use Is Finished Product to be Alcoholic Components/C Does product contain eligib Does product contain eligib	Add Delete roved intermediates?
<ul> <li>Does product contain ineligible</li> <li>Alcoholic Beverage Use Is Finished Product to b</li> <li>Alcoholic Components/C</li> <li>Does product contain eligit</li> <li>Does product contain disap</li> <li>Does product contain ineligit</li> <li>Nonalcoholic Component</li> </ul>	Add Delete roved intermediates? le alcohol?  Compounded Flavors   ble alcohol?  pproved intermediates?  ppte alcohol?  ppte alcohol?  pts
Does product contain ineligible Alcoholic Beverage Use Its Finished Product to be Alcoholic Components/C Does product contain eligit Does product contain ineligit	Add Delete roved intermediates? le alcohol?  Compounded Flavors O  Delete Delete Delete Compounded Flavors O  Delete Delete Compounded Flavors O  Delete Compound
<ul> <li>Does product contain ineligible</li> <li>Alcoholic Beverage Use Is Finished Product to b</li> <li>Alcoholic Components/C</li> <li>Does product contain eligit</li> <li>Does product contain disap</li> <li>Does product contain ineligit</li> <li>Nonalcoholic Component</li> </ul>	Add Delete roved intermediates? ide alcohol?

	https://test.ttbonline.gov/?method=editl	Ingredient&cur	rentTab=Formula	kindex=&type=Simple Mix or -	Windows Internet Expl	lorer		<b>3</b> → 🖶 → 📴 → 🎯	
	ingredient	- g carcinetea					*		
Print								Clickin	a (Add)
	Simple Mix or Filtration	- Eligible /	Alcohol					CUCKIN	g 'Add'
Pape	* Ingredient Name:							button c	lisplays a
Cumm	* Weight (LB):		-						
* Measu	* Volume (GAL):							l non-un w	vindow for
* Proces	* Alcohol (%):								
TTOGGE			ОК	Cancel			57.	ingred	dients.
Eligible								5	
Alcoho	Ve collect this information to verify your	compliance wi	th Federal laws ar	d regulations that TTB admini	sters. The informatio	on collected on		+ Indicates a	required field
Theile t	his form must be considered confidentia 6 U.S.C. 7213.	al tax informat	ion under 26 U.S.	C. 6103, and must not be disc	losed to any unautho	orized party und	er	• marcutes a	required field
🗐 Is q							*		
Do	ne			🌀 🗸 Trusted sites   Prote	cted Mode: Off	<b>a</b> 100%	·		
	f Finished Product:	8.69							
* Number o	f Days to Complete Process:	1							
		WEIGHT	г (LB)	WEIGHT (LB)	VOLUME (GAL	L)	VOLUME (GAL)		
Theoretic	al Viold:	(LOW)		(нісн)	(LOW)		(нісн)		
Actual Yie		* 97			11.162	_			
	Beverage Use @								
Is Finis	shed Product to be Used In A	Icohol Bev	erages?						
	Components/Compound	ed Flavor	s @						
Theorem	components/ compound								
🔽 Does p	roduct contain eligible alcohol?								
ELIGIBLE A	LCOHOL								
	REDIENT	WEIGHT (LB)	) VOLUME (G	AL) DENSITY AL	соног(%)				
				(LD/ GAL)					
				Add Delete					
Does p	roduct contain disapproved intern	mediates?							
🔲 Does p	roduct contain ineligible alcohol?								
Nonalcoh	olic Components 🛛 ———								
Door n	oduct contain ingredients by grou	102							
	oduct contain ingredients by grou oduct contain individual solid ingr								
1 10000 00									
	oduct contain individual solid ingi								

https://test.ttbonline.gov/?method=editIngred	lient&currentTab=Form	ula&index=&type=Simpl	e Mix or - Windows Internet Expl	lorer 💼 💷 🔜					
Ingredient									
Simple Mix or Filtration - Eli	gible Alcohol —				REASUR			1. FORMULA NUM	100 C
* Ingredient Name:	Al	cohol 190 Proof				FIREARMS	ст	14 2. KIND (e.g. Alcohol, Ru	22.110
* Weight (LB):	25	5				sAMPLE 5. N	UMBER OF DAYS TO	PROOF OF SPIRITS O DRAWBACK WILL BE	CONTRACT TODA COOPE
* Volume (GAL):	1	679			WILL BE :	SUBMITTED C	OMPLETE PROCESS	Alcohol 1 Disappro	
		01857			'S WILL	7. CHECK KIND (		8. FORMULAS SU	
* Alcohol (%):	95				se).		DICINAL PREPARATION		ENGLED.
	OK	Cancel				FLAVOR/FLAVOR	T PERFUME		
							DLUTE ALCOHOL D. (See instructions)	10. ALCOHOL CONT OF FINISHED PR	
						3	1.6%	30.6%	± 2.5
We collect this information to verify your comp this form must be considered confidential tax	information under 26 l	s and regulations that T J.S.C. 6103, and must r	TB administers. The informatio not be disclosed to any unautho	on collected on prized party under		BE USED IN ALCOHOLIC AL FLAVORING? (YES OR NO	BEVERAGES:		
26 U.S.C. 7213.					CT CONTAIN (	GREATER THAN 0.1% AF	TIFICIAL FLAVORING (Exclusion	Jing Vanillin, Ethyl Vanillir	ı, Maltol, Ethyl Maltol)?
Done		🐻 🗸 Trusted s	ites   Protected Mode: Off	<b>100%</b> •	S PER MILLIO	N IN PRODUCT OF: VA	NILLIN ETHYL MALTOL	ETHYL VANILLIN	
				D. DUES PRO	JUCT CONTAIN A COLO		IF YES, WHICH?		
			13. FORMULA AND PROCESS (Use Additional		REDIENTS APPROVEL			ES OR NO)	
			Ethanol 190 proof Propylene Glycol				lbs (3.68 gal) .8 lbs		
			Citric Acid				lbs		
			Tannic Acid				lbs		
			Nat Raspberry Flavor ( Nat Ethyl Butyrate (0.0				lbs (0.51 gal)  9 lbs		
			Nat Trans-2-Hexenal				1 lbs		
					Theoretic	al Yield 10	0 lbs (11.5 gal)	)	
							lbs (11.155 ga		
			density = 8.696 lbs/gal						
			Filtration						
			14. CONTACT PERSON (Include Area	Code & Phone No.) 15. SIGNA	URE & TITLE	OF APPLICATION	OR AUTHORIZED AGE	ENT. 16. I	DATE.
			17. LABORATORY SAMPLE NUMBER.	APPLICANT: PLE 18. ACTION.	ASEMAKENC	DENTRY BELOW T	HIS LINE.		
			17. LABORATORT SAMPLE NOMBER.	I. ACTION.					
			19. ALCOHOL BY VOLUME.	-					
				%					
			20. ANALYST.						
			21. DATE	_					

Alcol	nolic Components/Compounded	Flavors (	9						1
D	oes product contain eligible alcohol?								
ELIG	твее Ассонос			DENSITY	Section 201			2	ANUMBER
		EIGHT (LB)	VOLUME (GAL)	(LB/GAL)	ALCOHOL(%)	5			20hol, Rum )
	Alcohol 190 Proof 25		3.679	6.795	95				PIRITS ON WHICH WILL BE CLAIMED.
			Add	Delete					>hol 190 proof approved #12
☑ D	oes product contain disapproved interme	diates?	<i></i>						AS SUPERSEDED.
DISA	PPROVED INTERMEDIATES								L CONTENT BY VOLUME
	INGREDIENT	EIGHT (LB)	VOLUME (GAL)	DENSITY (LB/GAL)	ELIGIBLE ALCOHOL(%)	TOTAL AL	ID	COMPANY FORMULA #	HED PRODUCT.
			Add	Delete					
D	oes product contain ineligible alcohol?								vi Vanillin, Maltol, Ethyl Maltol)?
						D	DOES PRODUCT CONTAIN A COLOR ADDITIVE?	ETTL MALTUL	
				12 FORMUL	AND BRACESS // Ico Ariditional Space	E D DD Reverse if Nerrorse	ARE ALL INGREDIENTS APPROVED BY FDA FOR US	E WITHOUT LIMITATION OR RESTRICTION? (YES OR N	.0)
					l 190 proof ene Glycol			25 lbs (3.68 gal) 55.8 lbs	
				Citric				8.7 lbs	
				Tannic	Acid			6.3 lbs	
					spberry Flavor (5%			4.1 lbs (0.51 gal)	
					nyl Butyrate (0.05 ll Ins-2-Hexenal	os) and othe	er natural esters	0.09 lbs 0.01 lbs	
			-	densit	/ = 8.696 lbs/gal			l   100 lbs (11.5 gal) l   97 lbs (11.155 gal)	
	More than one so	nurce							
				Filtrati					
	of alcohol.			14. CONT	ACT PERSON (Include Area Code	* Dhanes Ma ) 15	SIGNATURE & TITLE OF APPLIC		16. DATE.
									I. DATE.
							NT: PLEASE MAKE NO ENTRY BI	ELOW THIS LINE.	
				17. LABOR	ATORY SAMPLE NUMBER.	18. ACTION.			
				19. ALCOH	DL BY VOLUME.	1			
				20. ANALY	%	-			
				21. DATE		]			



Ingredient Name:	Nat Raspberry Flavor	
Weight (LB):	4.1	
Volume (GAL):	0.51	
Eligible Alcohol (%):	5	
Total Alcohol (%):	5	
ITB Formula ID:	1000720 Clear	Select
Company Code:	POMADD	
Company Formula #:	12	
Contains Colors:		
imited Ingredients:	<u> </u>	

Still have to fill in name, weight, volume, alcohol %

### Alcoholic Components/Compounded Flavors @

ELIG	IBLE ALCOHOL							
	INGREDIENT	WEIGHT (LB)	VOLUME (GAL)	DENSITY (LB/GAL)	ALCOHOL(%)			
	Alcohol 190 Proof	25	3.679	6.795	95			
			Add	Delete				
			Add	Delete				
	oes product contain disapproved inte	rmediates?						
UIS	APPROVED INTERMEDIATES			DENSITY	ELIGIBLE	TOTAL ALCOHOL	TTB FORMULA	COMPANY
	INGREDIENT	WEIGHT (LB)	VOLUME (GAL)	(LB/GAL)	ALCOHOL(%)	(%)	ID	FORMULA #
	Raspberry Flavor	4.1	0.51	8.039	5	5	1000720	POMADD-12
				1 (			1	
			Add	Delete				
	oes product contain ineligible alcohol	-						

The intermediate is now linked to the formula.

13.	FORMULA AND PROCESS	(Use Additional	Space on	Reverse i	if Necessary).

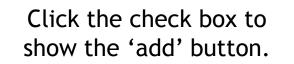
Ethanol 190 proof Propylene Glycol Citric Acid Tannic Acid Nat Raspberry Flavor (5% abv, disapproved #12) Nat Ethyl Butyrate (0.05 lbs) and other natural esters Nat Trans-2-Hexenal 25 lbs (3.68 gal) 55.8 lbs 8.7 lbs 6.3 lbs 4.1 lbs (0.51 gal) 0.09 lbs 0.01 lbs

Theoretical Yield 100 lbs (11.5 gal) Actual Yield 97 lbs (11.155 gal) Entering Nonalcoholic Components

density = 8.696 lbs/gal

Filtration

Non	alcoholic Com	ponents 🛛 🚽				
	oes product cont	ain ingredients by group	0?			
INGR	REDIENTS BY GROUP	0				
	CHEMICAL CLASS			PREDOMINANT CHEMICALS		
	NAME	TOTAL WEIGHT (LB)	NATURAL / ARTIFICIAL	NAME, FEMA #, WEIGHT (LB)		
				Add Delete		
	oes product cont	ain individual solid ingre	dients?			
	oes product cont	ain individual liquid ingre	edients?			

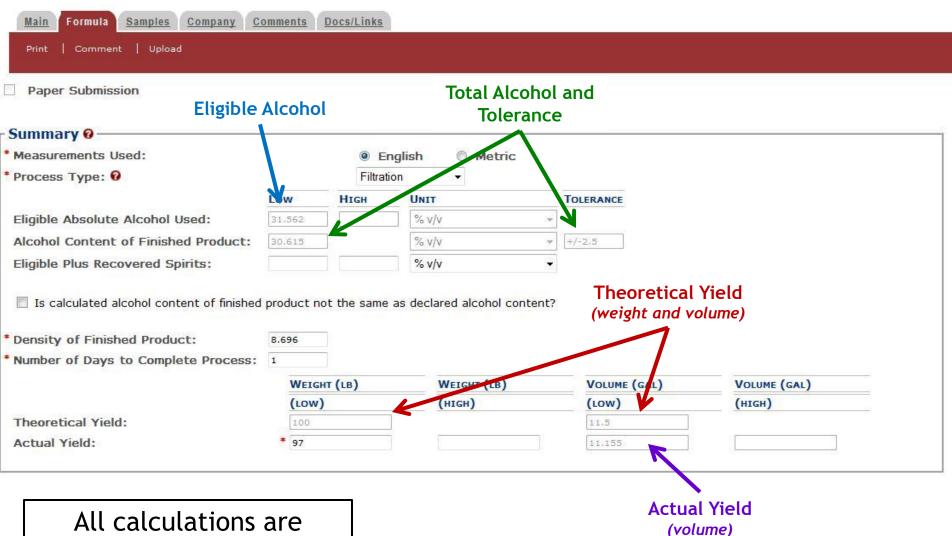


Predominant Chemical Information:       Ethyl Butyrate, FEMA #2127, 0.05         Ass characters left       Image: Company in the second s	
Chemical - Class Name: Chemical Class - Total Weight (LB): Natural/Artificial: Neme FEMA #, Weight (LB): Neme Fema #, Weight	
Chemical Class - Total Weight (LB): Natural/Artificial: Predominant Chemical Information: Ethyl Butyrate, FENA #2127, 0.05 provide the formula for the formula formula for the formula formula for the formula formula formula formula formula for the formula form	
Natural/Artificial:       Natural         Predominant Chemical Information:       Ethyl Butyzate, F28/A #2127, 0.05         #80 characters left       OK         OK       Cancel         Image, F26/A #, Weght (8)       ITB FORMULA         Company       Formula         Fasspherry Flavor       4.1         Oct       Cancel         Image, F26/A #, Weght (8)       ITB FORMULA         Company       Formula         Formula       Company         Company       Formula         Formula       Company         Formula       <	
Predominant: Chemical Information:       Ethyl Butyrate, FENA #2127, 0.05         #48       characters left         OK       Cancel         Baspberry Flavor       4.1         0.51       8.039       5         Does product contain ineligible alcohol?         MAME       OK         Does product contain ingredients by group?         Chemical Components @         Does product contain ingredients by group?         Chemical Components @         Does product contain individual:         Does product contai	
Nume, FEM4 #, Wegle (28)       Image: Comparison of the company in the	
OK       Cancel         OK       Cancel         TIB FORMULA       TIB FORMULA         Raspberry Flavor       4.1       0.51       8.039       5       10000220       POMADD-12         Add       Delete       Does product contain ineligible alcohol?       Add       Delete         Does product contain ingredients by group?       Is. FORMULA AND PROCESS (Use Additional Space on Reverse if Necessary).       Ethanol 190 proof       25 lbs (3.68         Propylene Glycol       55.8 lbs       Citric Acid       8.7 lbs         Does product contain individual i       Component of the stand o	
Image: Contrain individual individual is product contain individu	
Raspberry Elavor       4.1       0.51       8.039       5       5       1000720       POMADD-12         Add       Delete       Does product contain ineligible alcohol?         Redecoholic Components @       Does product contain ingredients by group?         Redecoholic Components @       Is. FORMULA AND PROCESS (Use Additional Space on Reverse if Necessary).         Ethanol 190 proof       25 lbs (3.68         Propylene Glycol       55.8 lbs         Citric Acid       8.7 lbs         Does product contain individual :       Does product contain individual :         Does product contain individual :       Is. FORMULA AND PROCESS (Use Additional Space on Reverse if Necessary).         Ethanol 190 proof       25 lbs (3.68         Propylene Glycol       55.8 lbs         Citric Acid       8.7 lbs         Tannic Acid       6.3 lbs         Nat Raspberry Flavor (5% abv, disapproved #12)       4.1 lbs (0.51         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs         Theoretical Yield       100 lbs (11.4)	
Add       Delete         Does product contain ineligible alcohol?         nalcoholic Components •         Does product contain ingredients by group?         CREDIENTS BY GROUP •         CHEMICAL CL         NAME         Does product contain individual :         Nat Trans-2-Hexenal <t< th=""><th></th></t<>	
Does product contain ineligible alcohol? REDUCAL CL NAME  Does product contain individual : Does product contain indiv	DD-12
NAME       13. FORMULA AND PROCESS (Use Additional Space on Reverse if Necessary).         Ethanol 190 proof       25 lbs (3.68         Propylene Glycol       55.8 lbs         Citric Acid       8.7 lbs         Tannic Acid       6.3 lbs         Nat Raspberry Flavor (5% abv, disapproved #12)       4.1 lbs (0.51         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs         Theoretical Yield       100 lbs (11.4)	
NAME       25 lbs (3.68         Does product contain individual       Fropylene Glycol         Does product contain individual       55.8 lbs         Does product contain individual       6.3 lbs         Does product contain individual       6.3 lbs         Name       Nat Raspberry Flavor (5% abv, disapproved #12)         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs	
NAMEEthanol 190 proof25 lbs (3.68Does product contain individualFropylene Glycol55.8 lbsDoes product contain individualCitric Acid8.7 lbsDoes product contain individualKat Raspberry Flavor (5% abv, disapproved #12)4.1 lbs (0.51Nat Ethyl Butyrate (0.05 lbs) and other natural esters0.09 lbsNat Trans-2-Hexenal0.01 lbsTheoretical Yield100 lbs (11.4	
Does product contain individual Does product contain individual Does product contain individualPropylene Glycol55.8 lbsDoes product contain individual Does product contain individualCitric Acid8.7 lbsNat Raspberry Flavor (5% abv, disapproved #12)4.1 lbs (0.51Nat Ethyl Butyrate (0.05 lbs) and other natural esters0.09 lbsNat Trans-2-Hexenal0.01 lbsTheoretical Yield100 lbs (11.4)	(3 68 gal)
Does product contain individual       Citric Acid       8.7 lbs         Does product contain individual       Fannic Acid       6.3 lbs         Nat Raspberry Flavor (5% abv, disapproved #12)       4.1 lbs (0.51         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs         Theoretical Yield       100 lbs (11.4)	
Does product contain individual 1       Tannic Acid       6.3 lbs         Does product contain individual 1       Ant Raspberry Flavor (5% abv, disapproved #12)       4.1 lbs (0.51         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs         Theoretical Yield       100 lbs (11.6)	
Does product contain individual I       6.3 Ibs         Nat Raspberry Flavor (5% abv, disapproved #12)       4.1 lbs (0.51         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs         Theoretical Yield       100 lbs (11.5)	
Nat Raspberry Flavor (5% abv, disapproved #12)       4.1 lbs (0.51         Nat Ethyl Butyrate (0.05 lbs) and other natural esters       0.09 lbs         Nat Trans-2-Hexenal       0.01 lbs         Theoretical Yield       100 lbs (11.5)	
Nat Trans-2-Hexenal 0.01 lbs Theoretical Yield 100 lbs (11.4	
Theoretical Yield 100 lbs (11.	
	05
Actual Yield 97 lbs (11.1	
density = 8.696 lbs/gal	os (11.5 gal)
Filtration	os (11.5 gal)

FI

6 https://test.ttbonline.gov/?method=editIngredient&currentTab=Formula&i	ndex=&type=Nonalcoholic&s - Windows Internet Explorer 👝 💷 📧		
Ingredient	Â		
Nonalcoholic - Solids -		Г	
* Natural/Artificial:	-		Other Nonalcoholic
* Name:			Component categories:
FEMA #: * Weight (LB):	=		Component categories:
* Additional Information:			-Solids
		1	-2011/05
OK	Cancel	TB FORMULA COMPANY	-Liquids
Min will ask their information to conside companying on with Fourier I form and	and the sheet TTD a desiring the information collected as	D FORMULA #	-Liquius
We collect this information to verify your compliance with Federal laws and this form must be considered confidential tax information under 26 U.S.C. 26 U.S.C. 7213.	6103, and must not be disclosed to any unauthorized party under	_	
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r Nonalcoholic Components 🛛			
<ul> <li>Does product contain ingredients by group?</li> <li>Does product contain individual solid ingredients?</li> </ul>			
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Does product contain individual liquid ingredients?	* Natural/Artificial:	•	
	* Name:		
	FEMA #:		
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	Does product contain ingredients by group?		
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	Does product contain individual liquid ingred	ients?	
	INDIVIDUAL INGREDIENTS (LIQUIDS)		WEIGHT VOLUME
	NATURAL/ARTIFICIAL NAME	FEMA #	(LB) (GAL)
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Peril I	NAME	TOTAL WEIGHT (LB)	NATURAL / ARTIFICIAL	NAME, FI	EMA #, WEIGHT (LB)			
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<b>V</b> (	oes product co	ntain individual solid ingredients?		Add	Delete			
INDI	VIDUAL INGREDI	ENTS (SOLIDS)		2.0				
	NATURAL/ART	IFICIAL NAME		FEMA #	ADDITIONAL INFORMATION			WEIGHT (LB)
	Neither	Citric Acid						8.7
	Neither	Tannic Acid						6.3
	Natural	Trans-2-Hexenal		2560				0.01
				Add	Delete			
V (	oes product co	ntain individual liquid ingredients?						
INDI	VIDUAL INGREDI	ENTS (LIQUIDS)						
	NATURAL/ART			FEMA #		WEIGHT (LB)	VOLUME (GAL)	
	Neither	Propylene Glycol				55.8		
				Add	Delete			



completed automatically!

	Additional	Details	0-
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Unfit for Beverage Statement:

Propylene Glycol = 56.2% v/v

971 characters left

Taste Panel Results:

1000 characters left

Formula Information and Process:

### **Additional Details:**

- -Unfit for Beverage Use Statement
- -Taste Panel Results
- -Formula Information and Process



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### Formula and Process for Nonbeverage Product .

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### Formula and Process for Nonbeverage Product .

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### Samples Tab:

- Used only if a sample is needed
- Enter sample information

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Under the penalties of perjury, I declare that appearing on this application, including supp true and correct to the best of my knowledge that I have read, understood, and complied instructions for filing this application.	uments, ar . I also cer	tify		Home Text Men	Drmulas Online My Profile Help Contact Us Log Off Missions - Search Advanced Search	
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Is calculated alcohol content of finished	i product not	t the same	as decla	red alcohol content?		
* Density of Finished Product:	8.696					
* Number of Days to Complete Process:	1					
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Theoretical Yield:						



#### ALCOHOL AND TOBACCO TAX AND TRADE BUREAU U.S. Department of the Treasury

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### Formula and Process for Nonbeverage Product .

Thank You. Your submission has been successfully completed. You will be contacted by e-mail when analysis has been completed or if additional information is needed.

When referring to this formula in Formulas Online and COLAs Online, please use the following. TTB Formula ID: 1000721.

To mail your samples, return to the Samples screen to display printable sample identification labels with mailing instructions.

We collect this information to verify your compliance with Federal laws and regulations that TTB administers. The information collected on this form must be considered confidential tax information under 26 U.S.C. 6103, and must not be disclosed to any unauthorized party under 26 U.S.C. 7213.

After formula is submitted...

TTB Formula ID (different from Submission ID).

> Mailing samples: Click on the 'return to the Samples' screen link....

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ubmission ID:	100	1631	TTB Form	nula ID: 1	1000721	Date Submitted:	04-22-2011 10:30 AN
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Save

Back to the Samples tab... Use drop down to print a Sample ID sheet.

Paper Submission

	DL AND TOBACCO TAX AND TRADE BUREAU partment of the Treasury
Submission ID: 1001631	Submission Type: Drawback
Sample ID: 1001111	Sample Content: TTB #78
Purpose of Analysis:	Product / Fanciful Name: Rasberry Flavor WONF
Submitted By: Rachel Sanderoff	Submission Date: 04-22-2011 10:30 AM
Sample Mailing Instructions: Attach the correct Sample ID Sheet 1 National Laboratory Center Nonbeverage Products Laboratory Attn: Drawback	to each sample and send to:

#### MUST BE MAILED WITH THE SAMPLE!

Contains ID numbers to connect the sample with the submission.

# Email received after formula is submitted.

From:	ttb.fonl@ttb.gov
Sent:	Friday, April 22, 2011 2:31 PM
То:	Sanderoff, Rachel K.
Subject:	Submitter: Your Submission has been received

Dear Submitter: Your Submission ID 1001631 has been received by the TTB Formulas Online system. You will be notified when analysis has been completed or if additional information is needed.

If you identified one or more physical samples being sent to the TTB laboratory, please follow the sample mailing instructions that were provided to you when you made the submission. To view the mailing instructions again, please select the link at the end of this message to logon to Formulas Online. After you have logged on, select the submission displayed on the My Submissions page, select the Samples tab, select the Sample(s), and select 'Print Sample ID Sheet' option.

You may also view the submission at any time.

Thank You for using Formulas Online!

# Email received after sample is received.

From:	ttb.fonl@ttb.gov
Sent:	Monday, April 25, 2011 9:55 PM
То:	Sanderoff, Rachel K.
Subject:	Submitter: All of the samples that accompany your recent submission have been received at our labs.

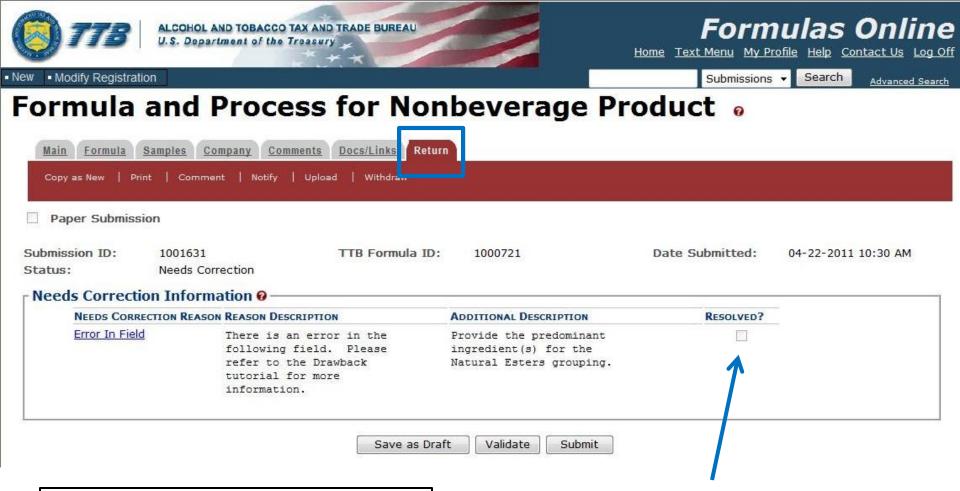
Dear Submitter: All samples for your Submission ID 1001631 have been received by the TTB Formulas Online system. There is no additional action needed by you. You will be notified when analysis has been completed or if additional information is needed. You may view the submission at any time by selecting the link at the end of this message to logon to Formulas Online, then selecting the submission ID displayed on the My Submissions page. Thank You!

Emails will also be sent when action has been taken on the submission or if the submission is being returned for correction.

From:	ttb.fonl@ttb.gov
Sent:	Monday, April 25, 2011 10:57 AM
To:	Sanderoff, Rachel K.
Subject:	Submitter: Submission has been returned for correction

Dear Submitter: A submission you made to the TTB Formulas Online system needs correction before analysis can continue. Please select the link at the end of this message to logon to Formulas Online. After you have logged on, select Submission ID 1001631 displayed on the My Submissions page, and select the Return tab to view the corrections needed.

Please make the requested corrections and Submit. If a new or replacement physical sample is requested in the Return reasons, please add the new or replacement sample on the Sample tab before submitting. You will be notified when analysis has been completed or if additional corrections are needed. Thank You!



### Return Tab:

- Only visible if the submission is returned for correction.
- Reason and description of error.
- Edit formula and submit again.

Once corrected, the lab (not the submitter) will check the Resolved box.

The Return tab and the reason for the return will remain with the submission even after the error is corrected.

## Email received when submission is complete.

From:	ttb.fonl@ttb.gov
Sent:	Friday, April 22, 2011 9:56 PM
To:	Sanderoff, Rachel K.
Subject:	Submitter: Your submission has completed final processing in the FONL system.

Dear Submitter: The TTB has completed analysis of your Submission 1001630 in the TTB Formulas Online system. Please select the link at the end of this message to logon to Formulas Online. After you have logged on, select the Submission ID from the My Submissions page, and select the Results tab to view the results of the analysis. Thank You!

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Status: Clos	ed	Disposition:	Approved		
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Product Name:	Rasberry Flavor WC	DNF			
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r Contacts					
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Entered by:	Rachel Sanderoff	Submitted by:	Rachel Sanderoff	
Created Date:	04-22-2011 09:32 AM			

# Once the submission is closed, the Results tab will be visible.



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#### Submissions - Search

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### Formula and Process for Nonbeverage Product •

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Status:	Closed	Disposition:	Approved		
Laboratory An	alvsis				
Date of Dispositi	on: 04/28/2011				
Disposition:	Approved				
Analyst:	Rachel Sanderoff				

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### <u>Results Tab</u>:

- Date of Disposition
- Disposition
- Analyst



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### My Submissions

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Apply Sort Clear Sort

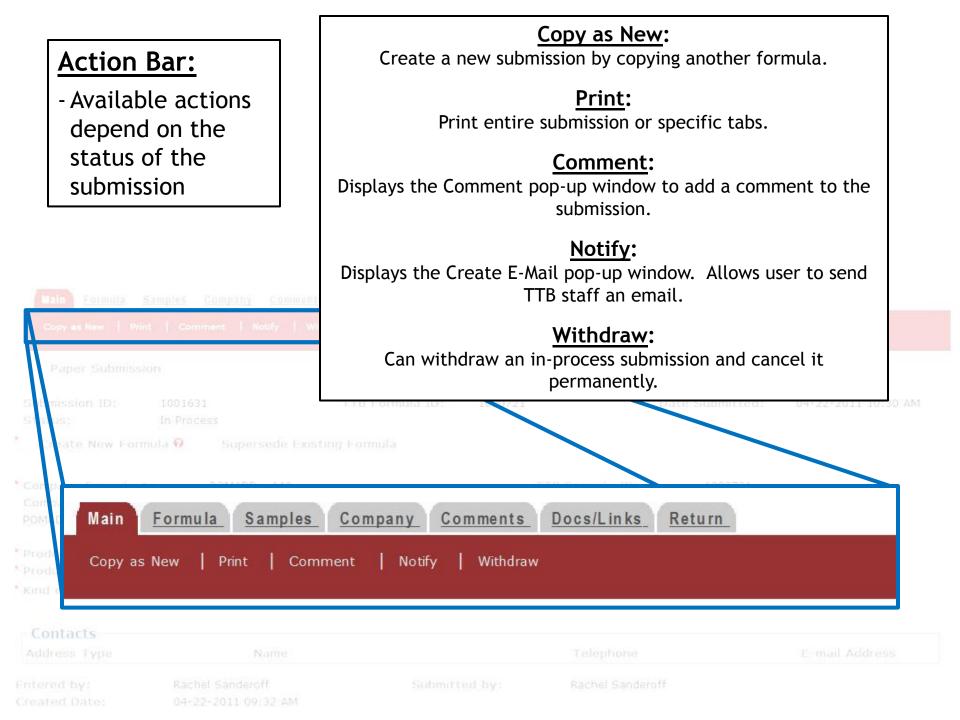


SUBMISSION ID	SUBMISSION TYPE	PAPER	SUBMISSION STATUS	SUBMISSION DATE	ENTERED BY	SUBMITTER
1001630	Formula and Process for Nonbeverage Product	N	Disapproved	04/22/2011	Rachel Sanderoff	Rachel Sanderoff
1001631	Formula and Process for Nonbeverage Product	N	In Process	04/22/2011	Rachel Sanderoff	Rachel Sanderoff

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### Submission Status:

- Disposition (approved, no action, etc)→ submission is complete
- In Process → submission is still with TTB



E-Mail pop-up: Click on "To" to display contact list.	E-mail Notification
ps://test.ttbonline.gov/ - Formulas Online - Contact - Windows Internet	Message: 2000 characters left Explorer Send Cancel
Contact List elect Recipients: NPL Chief NPL LIE NPL QA Reviewer Hold CTRL to select muliple recipients	ur compliance with Federal laws and regulations that TTB administers. The t be considered confidential tax information under 26 U.S.C. 6103, and mu r under 26 U.S.C. 7213.

## FORMULAS ONLINE

### • Timeline

- May 2011 User testing
- July 2011 Go live!

### • User Registration

2-4 weeks ahead of release

### Training

- Sessions in Beltsville
- Webinars/Webcasts

