



WEBINAR



Genesis R&D[®] Food 11.7 Update Overview

Presented by **ESHA Research**

Tuesday, June 25, 2019

11:00 AM PDT | 1:00 PM CDT | 2:00 PM EDT



ESHA Research

ESHA Research was established in 1981 as one of the very first nutrition software solutions. Today, ESHA's suite of nutritional software products, services, and databases are recognized as the industry's top choice for food and supplement formulation, recipe development, labeling, nutritional analysis, and regulatory compliance.

ESHA Solutions

- Genesis R&D[®] Food Formulation
- Genesis R&D[®] Supplement Formulation
- Food Processor[®] Nutrition & Diet Analysis
- Consulting Services

Our mission is to help remove the complexity of product development and regulatory compliance for the food, beverage, and supplement industries through software, services, and nutritional databases.



Genesis R&D Food

Genesis R&D® Foods, first released in 1991, is designed to help users manage processes, overcome industry challenges, and meet federal requirements. Industry professionals use Genesis R&D for quick and accurate nutrient evaluation, virtual product development, nutrition labeling, and regulatory compliance.

- Product Development
- Formulation Analysis
- Menu Analysis
- Reporting
- Regulatory Compliance



Upcoming Webinars



2016 Nutrition Labeling Guidelines Review | July 17, 2019

The January 1, 2020, deadline to comply with the FDA's Final Rule on Food Labeling is quickly approaching. Join us on July 17, 2019, for a review of the key regulatory changes and a detailed discussion on how Genesis R&D can assist with compliance.

Working with Proprietary Blends in Genesis R&D Supplements | July 31, 2019

Genesis R&D Supplements offers supplement formulators the ability to create proprietary blends, and then incorporate them into final formulations. During this webinar, we will demonstrate how to create a proprietary blend, add it to a final formula and review a variety of display options on the supplement facts label.

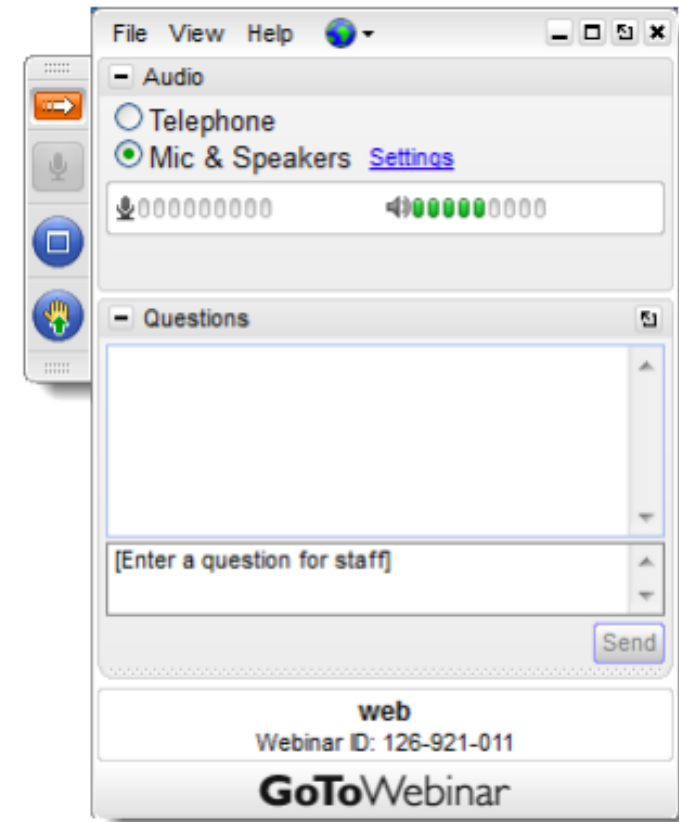
To register or view archived webinars please visit: www.esharesearch.com/news-events/webinars



Please Note!

- ✓ The webinar is being recorded
- ✓ All webinars available on our website
- ✓ Submit your questions in the GoToWebinar control panel

WEBINAR





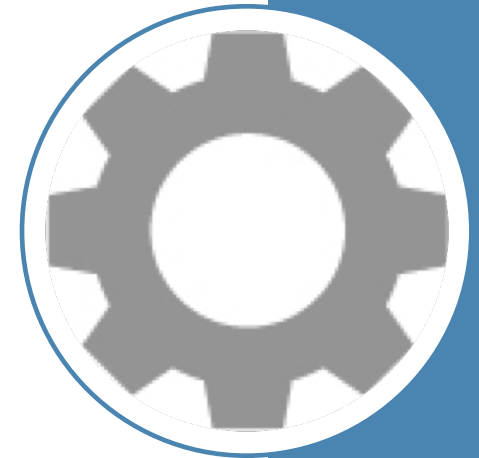
What we'll cover today

- User Interface (UI) Changes
- Bioengineered Brief Summary
- Attributes
- Q&A



UI Changes

- My Preferences
- Advanced Search
- Ingredient Statement field names
- Nutrients to View sets renamed and new sets added
- Canadian Labels use Compendium dimensions
- Additional minor changes

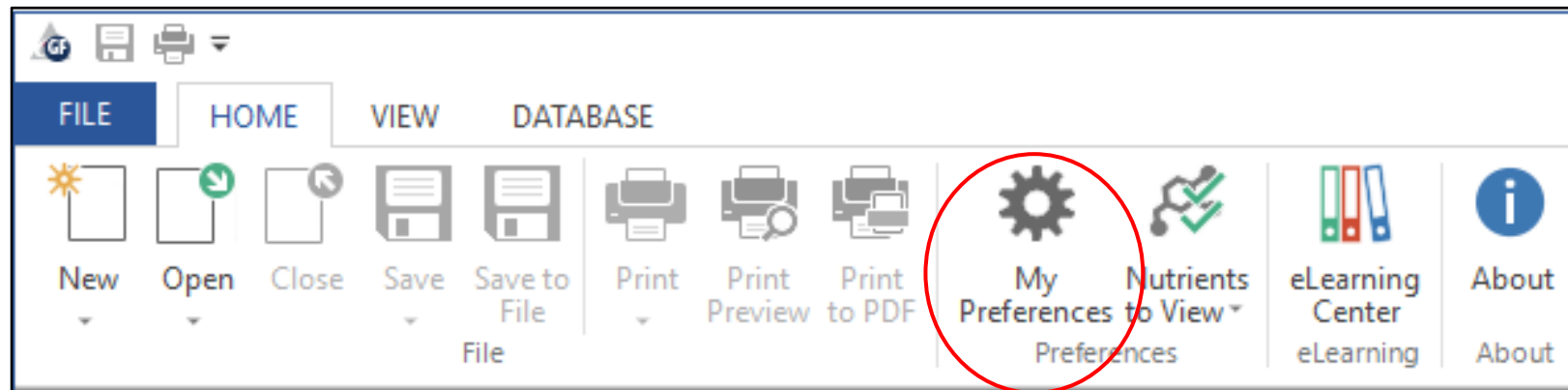




My Preferences

Determine and save the settings that you need

- Each login for the Cloud
- Each individual person for on premise



Tutorial: <https://www.esharesearch.com/tutorials/understanding-using-preferences/>



Advanced Search

Version 11.7

Advanced Search (formerly called the More Search)



Open Ingredient

Search

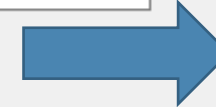
Advanced Search... New...

Total Items = 0

Item Name	User Code
-----------	-----------

Version 11.6

Previously looked like this



Open Ingredient

Search For:

Search More... New...

Total Items = 0

Item Name

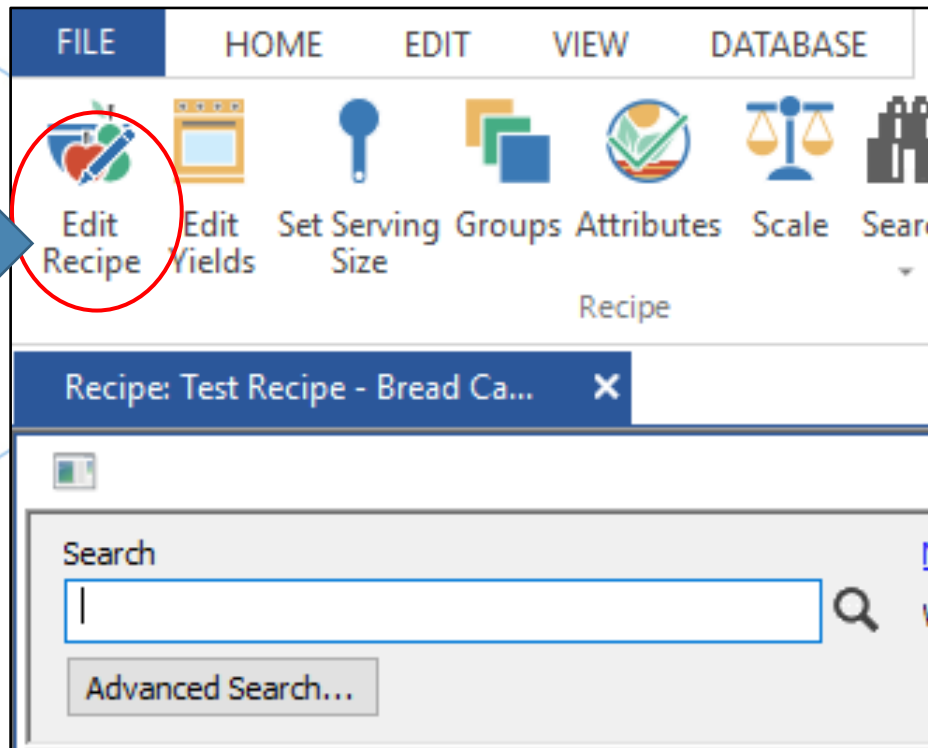
Tutorial: <https://www.esha.com/tutorials/advanced-search-finding-ingredients-within-recipes/>



Edit Recipe Button

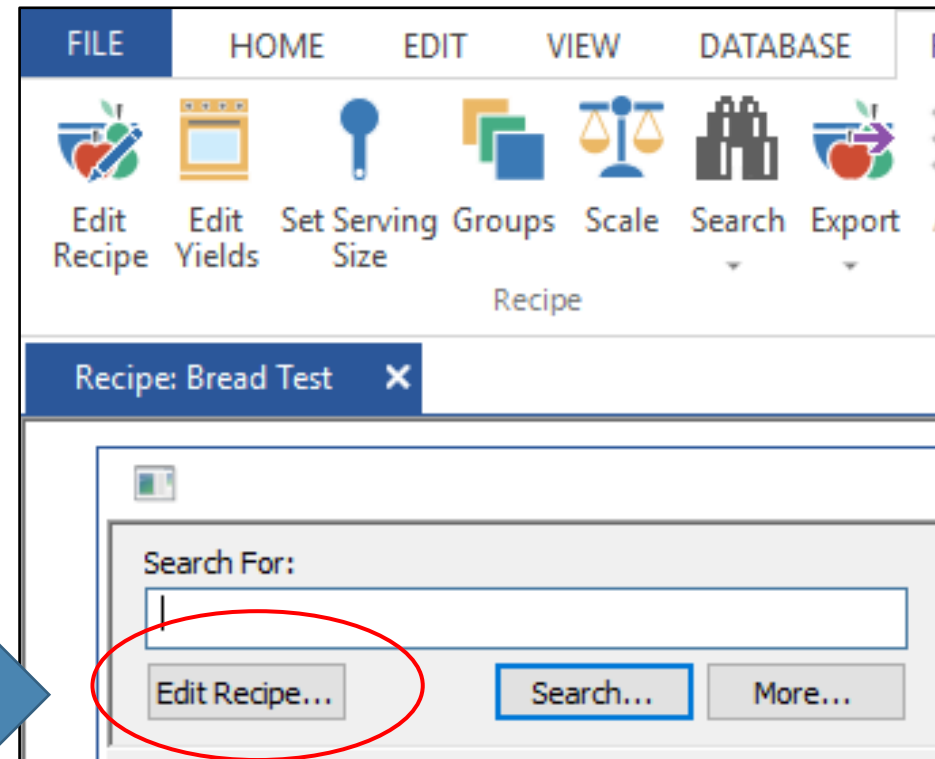
Version 11.7

Use the Edit Recipe button on the ribbon



Version 11.6

Previously looked like this:





Ingredient Statement Fields

- “Ingredient Statement Name” was “Alternate Name”
- “Sub Ingredients” was “Ingredient Statement”

11.7

English French Spanish

Ingredient Statement Name

Tomato Paste

Sub Ingredients

(Tomatoes, Tomato Juice, Sea Salt, Citric Acid, Calcium Chloride)

OK Cancel

11.6

English French Spanish

Alternate Name

Tomato Paste

Ingredient Statement

(Tomatoes, Tomato Juice, Sea Salt, Citric Acid, Calcium Chloride)

OK Cancel



Nutrients to View

- Friendlier nutrient set names
- Reorganized by type
 - Basics
 - Food Groups
 - Label Sets
- EU Energy set added
- Mexico label sets added
- Your user added sets will appear at the top in alphabetical order



Tutorial: <https://www.esharesearch.com/tutorials/using-nutrients-to-view-effectively/>

Canadian Label Dimensions



- *Compendium of Templates: Nutrition Facts Tables and List of Ingredients – Health Canada*
- Default settings begin with dimensions outlined by the Compendium
- As you edit the information in the label, dimensions may change to fit nutrient names, values, etc.
- Edit Label: Object Properties shows label dimensions for your label

Label Settings

General
Format Options
Nutrient Options
Voluntary Nutrients
Object Properties
Supplement Facts
Supplement Nutrients
Supplement Dietary Ingredient

Title	
Show	<input checked="" type="checkbox"/>
Nutrition Facts Text Font Size	18
Nutrition Facts Text Font	Arial
Nutrition Facts Font	Arial

Size	
Automatically Calculate the Size	<input checked="" type="checkbox"/>
Width (inches)	2.25
Logical Width (inches)	2.25
Height (inches)	4.29
Wrap Text Percent	100
Main Column % of Nutrition Facts	100
Nutrition Facts Area % of Total Width	100

Location	
Top (inches)	2.19
Left (inches)	0.54



Canadian Label – Dimensions View

- View Label
- Click on the label to see dimensions at the bottom of window

Bread - Canada

Nutrition Facts
Valeur nutritive
Per 2 slices (79 g)
pour 2 tranches (79 g)
Per Container 8
par contenant 8

	% Daily Value*	% valeur quotidienne*
Calories 130		
Fat / Lipides 0.4 g	1 %	
Saturated / saturés 2 g		10 %
+ Trans / trans 0 g		
Carbohydrate / Glucides 28 g		
Fibre / Fibres 1 g	4 %	
Sugars / Sucres 4 g	4 %	
Protein / Protéines 4 g		
Cholesterol / Cholestérol 0 mg		
Sodium 1 mg	1 %	
Potassium 1750 mg	37 %	
Calcium 10 mg	1 %	
Iron / Fer 1.5 mg	8 %	

*5% or less is a little, 15% or more is a lot
*5% ou moins c'est peu, 15% ou plus c'est beaucoup

INGREDIENTS: Water • Unbleached enriched all-purpose flour (wheat flour, thiamin, riboflavin, niacin, folic acid) • Sugars (sugar) • Yeast • 2% Milk.

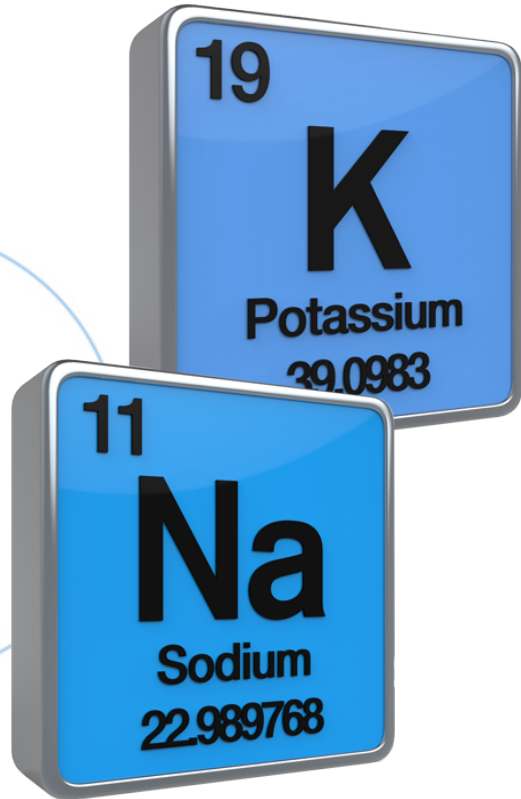
INGRÉDIENTS: Eau • flour, all purpose, white, unbleached, enriched • Sucres (sucre) • Levure de boulanger • Lait 2%.

Contains: Gluten Milk Wheat.
Contient Gluten, Lait, Blé.

Zoom: 100% Horz Pos: 0.395833 Vert Pos: 0.6979 Width: 2.7604 Height: 3.3125



DRI Updates for Sodium and Potassium



- National Academies of Sciences, Engineering, and Medicine
- Adequate Intakes (AI) revised for some age groups
- AI = recommended nutrient level that covers the needs of healthy individuals in an age group
- In Genesis, DRIs are used to compare specific age group profiles on reports other than the Nutrition Facts labels
 - Multi-Column
 - Bar Graph
- Use “Compare to” in Recipe settings to select specific DRI sets

Bioengineered Foods Brief



- National Bioengineered Food Disclosure Standard (NBFDS)
- “Bioengineered Foods” proper term to use
- Definition: bioengineered foods are “those that contain detectable genetic material that has been modified through certain lab techniques and cannot be created through conventional breeding or found in nature.”
- Implementation date: January 1, 2020 (voluntary compliance)
 - Extended implementation date: January 1, 2021 for small food manufacturers (\$2.5M to <\$10M)
- Mandatory compliance date: January 1, 2022
 - Exempt:
 - Very small food manufacturers – annual receipts of <\$2.5M
 - Restaurants and similar retail food establishments (cafeterias, food trucks, airplanes, etc.)
 - Highly refined foods with undetectable modified genetic material and some meats
- Disclosure
 - Text on package
 - USDA approved symbol
 - Electronic or digital disclosure, e.g. QR code
 - Text message disclosure





Attributes

- Categorize and document properties or characteristics of foods
- Assign to Ingredients and Recipes
- Ingredient Attributes can carry forward to Recipes
- Set a rule for each Attribute
- Attach documentation
- Can migrate existing Groups to Attributes

Property	Qualifies	Documentation
Bioengineered ⓘ	✓	⊗ Biogenerated-report.docx
No Artificial Flavor	✓	⊕

⊕ [Add an attribute](#)



Attributes Indicators



= yes, attribute applies



= no, attribute does not apply



= unknown

Recipe Information

Recipe

Nutrients

Measures

Brix Calculation

Cost

Groups

Attributes

Compare To

Preparation Method

Reference Amount

Nutrient Content Claims

Notes

HACCP

Attachments

Attributes

Qualifies	Property	Override		Documentation
✓	Bioengineered ⓘ	✓	⊘	clear
✓	No Artificial Flavor	✓	⊘	clear

+ [Add an attribute](#)

OK Cancel



Attributes Rules

- “All items in the food must have attribute”
or
- “At least one item in the food must have the attribute”
- Example: Bioengineered – if one ingredient meets the determination of bioengineered, then the Recipe *could* be considered bioengineered

Add Attribute [Close]

Attribute Name:

Attribute Rule: **All items** in the food must have attribute.

[Ok] [Cancel]



Genesis R&D Training

Genesis R&D Training | July 10-12, 2019 | Oak Brook, IL

Professional *and/or* Advanced training session. The first two days cover the fundamentals of the Genesis R&D Food program: creating ingredients, building recipes/formulas, nutrition analysis and reporting, labeling, and best practices. In addition, you can attend a third day of Advanced instruction, or just attend the Advanced session as a single day. Advanced training presents more complex scenarios and more comprehensive regulatory issues.

Genesis R&D Training | August 20-22, 2019 | Oak Brook, IL

Professional *and/or* Advanced training session. See description above.

Genesis R&D Training | October 8-10, 2019 | Oak Brook, IL

Professional, *and/or* Advanced training session. See description above.

Genesis R&D Training | November 5-7, 2019 | Oak Brook, IL

Professional, *and/or* Advanced training session. See description above.

See the Full Schedule: <https://www.esha.com/news-events/training-schedule/>

QUESTIONS?



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