Genesis R&D Foods Tips for Success
Searching for Recipes & Ingredients

Presented by ESHA Research

Wednesday, Oct 20, 2021
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 Foods

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

November 17, 2021 | Genesis R&D Foods Version 11.11 Update Overview
The latest update of Genesis R&D Foods, Version 11.11, is available. During this webinar we will cover the newest features and program enhancements.

To view archived webinars or sign up to receive notifications, visit: www.esha.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
✓ We’ll email a copy of the recording and the slides following the webinar
What We’ll Cover Today

• Searching
• Nutrient/F5 Search
• Advanced Searches
• Ingredient - Where Used Search
• Search with Groups
• Q&A
General Searches for Ingredients & Recipes

• By name
  • Using consistent naming conventions helps with searches
• Product and Supplier
• Codes
Search Return Results

In this order:

• Frequently used items
• User-added items
• Remaining matches

Default limit of 400 items
• Adjust or remove this limit in MyPreferences

Display Columns
• Right-click to choose the fields displayed on this screen
Searching with Name Fields

• Broader or narrower per the search term
  • Partial Word Search
    • Omit end of the word for singular and plurals: “strawberr”
    • Use parts of words or phrases if unsure of spelling or for broader search: “broc”, “froz oran ju conc”
  • “Total Items” gives you feedback on the search results
Whole Word Search

Whole word search (also known as the “dot search”) limits the search to only whole words. To perform a whole word search, enter a period following the food name.

Searching for “tea” will show:
• “sprouts, soybean, steamed”
• “beef, flank, steak”

Searching for “tea.” will show:
• “tea leaves”
• “iced tea”
Product & Supplier

Include the Product and/or Supplier name when searching

• Product
  • Brand or product line

• Supplier
  • Larger entity/source of information
  • Manufacturer
  • Supplier

Choose from lists or you can add Product and Suppliers to your software
Code Searches

• ESHA Code - for ESHA Database items
  • Ingredients - no ESHA Code indicates items that you have added

• User Code
  • User assigned
  • Must be unique for each Ingredient and Recipe

• Government Codes – for government provided database items
  • USDA
  • Canadian Nutrient File
  • UK Database
Function Key Searches

- Name Only: F4
- Nutrient Search: F5
- User Code: F6
- Recipe Only: F7
- Name/ESHA Code: F8 — this is the default search
- Government Code: F11
F5 – Nutrient Search

• Find ingredients that contain desired nutrient content
  • Select nutrient
  • Set parameters
    • Using <, >, =, etc.
    • Can include additional filters
• General search to see what foods report a specific nutrient
  • Trans Fat
  • Added Sugars
  • Vitamin D
Advanced Search

Filter by:
• Name
• Government Code
• ESHA Code (ESHA Database items only)
• User Code
• Groups

AND/OR Searches
Where-Used Search

- Find the Recipes that use a specific ingredient
- Perform Advanced Search to find list of Recipes
- Export the list of Recipes to capture those that contain the ingredient
Search & Replace

• Replace *Ingredient A* with *Ingredient B* in all of the Recipes where *Ingredient A* occurs
  • Change of supplier
  • Change of product spec
  • Change of formulation
• You have already performed the where-used search
• A word of caution – capture the “where-used” list to record the set of Recipes before replacing; in case you need to revert
Search with Groups

• Assigning Ingredients and Recipes to Groups helps filter and find items
• Groups can be used to suit your organizational needs
  • Food types or characteristics
  • Product status or workflow
  • Projects or clients
Genesis R&D Training

Genesis R&D Foods Professional + FDA Regulations
This 2-day training session covers the fundamentals of the Genesis R&D Food program with a primary focus on FDA regulations: creating ingredients and composite ingredients, building recipes/formulas, nutrition analysis, moisture loss, reporting, labeling, best practices, and much more. In addition, this session covers a comprehensive FDA regulatory review.

Genesis R&D Foods Advanced Training
The 1-day Advanced session builds upon the skills learned in the Professional training and offers deeper learning on topics including PDCAAS, International Food Labeling, Advanced Label Settings, and more.

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<tr>
<td>Genesis R&amp;D Foods Professional + FDA Regulations</td>
<td>Nov. 2-3, 2021 Nov. 4, 2021</td>
<td>IN-PERSON &amp; Online ESHA Training Center Oak Brook, IL</td>
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<td>Genesis R&amp;D Foods Advanced</td>
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Session Options:
- 3-day Combined Professional + Advanced Training
- 2-day Professional Training
- 1-day Advanced Training (Prerequisite: Professional Training)

Contact: training@esha.com or Visit: https://esha.com/news-events/training-schedule/
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