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
Stay Tuned for the 2022 Schedule!

Recorded Webinars on Allergens
• Genesis R&D Foods 101 Part 4: Allergens
• How to Comply with the FASTER Act

101 Webinar Series
• Genesis R&D 101 Part 1: Ingredients
• Genesis R&D 101 Part 2: Recipes
• Genesis R&D 101 Part 3: Ingredient Statement

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

- Feature Enhancements
- Sesame – U.S. Allergen
- Nutrient Content Claims
- Menu Label Updates
- Q&A
What Version Am I Running?

• **Cloud-hosted Subscribers** - Always have access to the most current version of the software

• **Desktop Installed** - See the About button in your Genesis R&D for version and licensing information:

For information on converting to a Cloud license, contact [sales@esha.com](mailto:sales@esha.com)
Allergens - Sesame

“Sesame/Sesame Seeds”

- “Sesame Seeds” has existed as an allergen in Genesis R&D for some time
- Sesame added to the list of Allergens to be tracked and reported for U.S. labeling
  - Per FASTER Act requirements
- U.S. uses “Sesame” as the allergen term
  - Appropriate allergen term is used based on the Country/Authority that you select
- Review your Ingredient records and your Allergen statements
Nutrient Content Claims – U.S.

- Some display revisions
- "Reference Amount" column header
- Updated footnotes on Claims screen
- Disclosure Statement included with Claims when appropriate

Low in Sodium

Excellent Source of Dietary Fiber

Good Source of Vitamin D
Nutrient Content Claims – U.S. Changes

- “Reference Amount” in the column header
- Footnotes
- Regulation
- Disclaimers
- “RACC”
- View Label direct
Nutrient Content Claims – U.S. Disclosure Statement

• If a claim is made
• Based on thresholds, the disclosure statement will appear
  • Fat 13 g
  • Saturated Fat 4 g
  • Cholesterol 60 mg
  • Sodium 480 mg
• Disclosure statement lists the nutrient or nutrient that exceeds the threshold(s)

High Fiber
Excellent source of Iron
See nutrition information for fat, cholesterol and sodium content.
Nutrient Content Claims - Canada

- Revisions per comments from Health Canada on sections of the regulations that needed to be clarified
  - Unrounded nutrient amounts for both Reference Amount and Per Serving
- Nutrient content amounts listed in two columns for easier identification
  - Per Reference Amount
  - Per Serving
Comparative Nutrient Content Claims – Canada

• Comparative Claims
  • Reduced
  • Lower
  • More
  • Light – energy or fat

• Reference Recipe needed to establish the comparison

• Genesis R&D displays the three columns
  • Compares Reference Amount to Reference Recipe - Reference Amount
Canada Label Punctuation

- Canadian periods vs commas
- If English only, label shows periods
- If French only, label shows commas
- If bilingual, the order of primary language selected determines the punctuation
Menu Label - Revisions

• On-screen revisions
• Menu Label Report
• Nutrients to View set for U.S. Menu Labeling 2016
  • Note: Menu Labeling regulations were established prior to FDA 2016 Nutrition Facts changes. Regulations default to the 1990 set of nutrients, however per the regulations, the 2016 set of label nutrients can be used for menu labeling purposes.
Menu Label Report - Columns

- “Additional Columns” drop-down menu
  - %DV shows for the nutrients that have DRVs/RDIs (except protein)
- Shows menu label (1990) nutrients by default; uncheck to show selected Nutrients to View
- Shows which set of Nutrients to View is selected
- Nutrients to View button in screen
Export

• UI Revisions
• Export button with drop-down menu removed
• Export options moved to end of Menu Ribbon
  • Recipe Analysis
  • Recipe File - .exl
  • As Ingredient
  • Label Report – when View Label is open
  • Recipe Sections- select from list
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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<thead>
<tr>
<th>Title</th>
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<th>Location</th>
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<tbody>
<tr>
<td>Genesis R&amp;D Foods Professional + FDA Regulations</td>
<td>Nov. 30 – Dec. 1, 2021</td>
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<tr>
<td>Genesis R&amp;D Foods Advanced</td>
<td>Dec. 2, 2021</td>
<td>Online only</td>
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<td>Look for 2022 schedule soon</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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HELPFUL RESOURCES

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