

The next best thing to a desktop lab



Genesis[®] R&D SQL

Product formulation & Nutritional labeling software

- ▶ Database of over 32,000 foods & Ingredients
- ▶ Add unlimited number of new foods
- ▶ Nutrient analysis for 164 components
- ▶ Allergen statements
- ▶ Barcode generation
- ▶ MyPyramid & food exchanges
- ▶ Labels – U.S.A, Canadian, Spanish, Bilingual
- ▶ Labels – Standard, Tabular, Linear
- ▶ Labels – Dual Declaration & Aggregate
- ▶ Labels – Full, Shortened & Simplified options
- ▶ Trans Fat data and Label display option
- ▶ Moisture, fat and processing adjustment tools
- ▶ Meat and Dairy formulators
- ▶ Ability to interface with other systems
- ▶ Formulation and ingredient costing
- ▶ Intuitive user-friendly interface
- ▶ Ingredient statements
- ▶ Yield adjustments
- ▶ HACCP guidelines

Nutrition Facts		Garuda Cereal Cookies, coconut cereal	Garuda Cereal, granola, good morning	Garuda Cereal, hot, oatmeal	Garuda Cereal, oatmeal, porridge				
Serving Size		(52g)	(123g)	(176g)	(523g)				
Servings Per Container									
Amount Per Serving									
Calories		230	460	110	250				
Calories from Fat		100	150	15	70				
		% Daily Value*	% Daily Value*	% Daily Value*	% Daily Value*				
Total Fat	11g	17%	16g	25%	2g	3%	8g	12%	
Saturated Fat	4g	20%	2g	10%	0g	0%	1g	5%	
Trans Fat	0g		0g		-g		0g		
Cholesterol	20mg	7%	0mg	0%	0mg	0%	0mg	0%	
Sodium	160mg	7%	10mg	0%	0mg	0%	30mg	1%	
Total Carbohydrate	32g	11%	70g	23%	19g	6%	40g	13%	
Dietary Fiber	1g	4%	9g	36%	3g	12%	5g	20%	
Sugars	19g		23g		0g		11g		
Protein	2g		14g		5g		8g		
*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:		Calories: 2,000 2,500							
Total Fat	Less than 65g	80g							
Saturated Fat	Less than 20g	25g							
Cholesterol	Less than 300mg	300 mg							
Sodium	Less than 2,400mg	2,400mg							
Total Carbohydrate	300g	375g							
Dietary Fiber	25g	30g							
Calories per gram:		Fat 9 • Carbohydrate 4 • Protein 4							

SAMPLE, Fruit Salad

Number of Servings: 1 (125.81 g per serving)
Weight: 125.81 g

Item Name	Item Quantity	Item Measure	Cals (kcal)	Prot (g)	Carb (g)	Sugar (g)	Fiber (g)	OCarb (g)	Fat-T (g)	Fat-S (g)
SAMPLE, Fruit Salad	0.13	cup	153.46	1.96	19.68	14.85	2.29	2.54	8.63	3.55
Grapes, Thompson seedless, fresh			13.80	0.14	3.62	3.10	0.18	0.34	0.03	0.01
Nuts, walnuts, English, dried, chpd	0.06	cup	49.05	1.14	1.03	0.20	0.50	0.33	4.89	0.46
Peaches, fresh, sliced, w/o skin	0.13	cup	8.29	0.19	2.03	1.71	0.32	0.00	0.05	0.00
Banana, fresh, med, 7" to 7 7/8" long	0.13	ea	13.13	0.16	3.37	1.80	0.38	1.18	0.05	0.02
Pears, halves, w/juice, cnd, not drained	0.13	cup	15.50	0.11	4.01	3.01	0.50	0.51	0.02	0.00
Apples, fresh, med, 2 3/4"	0.13	ea	8.97	0.04	2.38	1.79	0.41	0.18	0.03	0.00
Topping, whipped, semi-solid, fn	0.19	cup	44.72	0.18	3.24	3.24	0.00	0.00	3.56	3.06

Item Name	Fat-M (g)	Fat-P (g)	Chol (mg)	A-RAE (mcg)	D-mcg (mcg)	E-Alpha P (mg)	Vit K (mcg)	Vit C (mg)	B1 (mg)	B2 (mg)
SAMPLE, Fruit Salad	0.91	3.66	0.00	6.10	0.00	0.44	5.10	6.23	0.05	0.04
Grapes, Thompson seedless, fresh	0.00	0.01	0.00	0.60	--	0.04	2.92	2.16	0.01	0.01
Nuts, walnuts, English, dried, chpd	0.67	3.54	0.00	0.07	--	0.05	0.20	0.10	0.03	0.01
Peaches, fresh, sliced, w/o skin	0.01	0.02	0.00	3.40	--	0.16	0.55	1.40	0.01	0.01
Banana, fresh, med, 7" to 7 7/8" long	0.00	0.01	0.00	0.44	--	0.01	0.07	1.28	0.00	0.01
Pears, halves, w/juice, cnd, not drained	0.00	0.00	0.00	0.09	--	0.02	0.09	0.50	0.00	0.00
Apples, fresh, med, 2 3/4"	0.00	0.01	0.00	0.52	--	0.03	0.38	0.79	0.00	0.00
Topping, whipped, semi-solid, fn	0.23	0.07	0.00	0.98	--	0.13	0.89	0.00	0.00	0.00

Fruit Salad Test

Number of Servings: 1 (125.81 g per serving)
Weight: 125.81 g

Amino Acid	Actual	Ideal	Ratio ± Ratio =	Score
Histidine	25.38 ± 18	=	141%	
Isoleucine	35.53 ± 25	=	142%	
Leucine	65.99 ± 55	=	119%	
Lysine	35.53 ± 51	=	69%	
Methionine + Cystine	25.38 ± 25	=	101%	
Phenylalanine + Tyrosine	65.99 ± 47	=	140%	
Threonine	35.53 ± 27	=	131%	
Tryptophan	10.15 ± 7	=	145%	
Valine	45.69 ± 32	=	142%	

Nutrition Facts

Serving Size (219 g) / Portion (219 g)
Servings Per Container

Amount	% Daily Value*
Calories / Calories 490	
Fat / Lipides 18 g	27%
Saturated / saturés 6 g	28%
+ Trans / trans 0 g	
Cholesterol / Cholestérol 190 mg	64%
Sodium / Sodium 730 mg	30%
Carbohydrate / Glucides 17 g	6%
Fibre / Fibres 1 g	3%
Sugars / Sucres 1 g	
Protein / Protéines 62 g	
Vitamin A / Vitamine A	2%
Vitamin C / Vitamine C	0%
Calcium / Calcium	6%
Iron / Fer	50%

*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.

Calories: 2,000 2,500	
Total Fat	Less than 65 g 80 g
Saturated + Trans	Less than 20 g 25 g
Cholesterol	Less than 300 mg 300 mg
Sodium	Less than 2,400 mg 2,400 mg
Total Carbohydrate	300 g 375 g
Dietary Fiber	25 g 30 g
Calories per gram:	
Fat 9	Carbohydrate 4 Protein 4

Supplement Facts

Serving Size 1 tablet (7g)
Servings Per Container 10

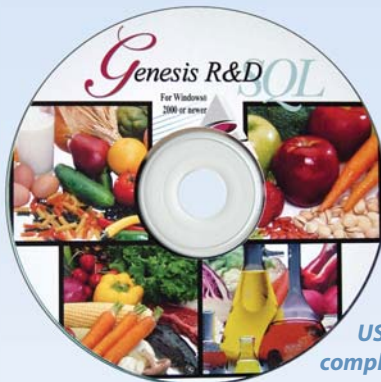
Amount Per Serving	% Daily Value
Calories 20	
Calories from Fat 10	
Calories from Saturated Fat 0	
Total Fat 1 g	2%*
Saturated Fat 0 g	1%*
Cholesterol 0 mg	0%
Total Carbohydrate 2 g	1%*
Dietary Fiber 0 g	0%*
Sugars 1 g	
Protein 1 g	
Vitamin A 34 IU	1%
Vitamin C 711 mg	1185%
Vitamin D 9 IU	2%
Vitamin E 0 IU	1%
Thiamin 0 mg	1%
Riboflavin 0 mg	1%
Niacin 0 mg	1%
Vitamin B6 0 mg	1%
Folate 2 mcg	0%
Vitamin B12 0 mcg	0%
Biotin 1 mcg	0%
Calcium 18 mg	2%
Iron 0 mg	1%
Phosphorus 18 mg	2%
Magnesium 2 mg	1%
Zinc 0 mg	2%
Copper 0 mg	2%
Manganese 0 mg	2%
Chromium 1 mcg	1%
Sodium 10 mg	0%
Potassium 25 mg	1%

* Percent Daily Values are based on a 2,000 calorie diet.

Nutrition Facts

Serving Size (143g)
Servings Per Container

Amount Per Serving	% Daily Value*
Calories 170	
Calories from Fat 80	
Calories from Saturated Fat 35	
% Daily Value*	
Total Fat 9g	14%
Saturated Fat 3.5g	18%
Trans Fat 0g	
Stearic Acid 1g	
Polyunsaturated Fat 3.5g	
Monounsaturated Fat 1g	
Cholesterol 0mg	0%
Sodium 60mg	3%
Potassium 230mg	7%
Total Carbohydrate 22g	7%
Dietary Fiber 3g	12%
Soluble Fiber 0g	
Insoluble Fiber 2g	
Sugars 16g	
Sugar Alcohol 0g	
Other Carbohydrate 3g	
Protein 3g	
Vitamin A 10%	Vitamin C 15%
Calcium 2%	Iron 4%
Vitamin D --%	Vitamin E 2%
Vitamin K 10%	Thiamin 6%
Riboflavin 4%	Niacin 4%
Vitamin B6 8%	Folate 6%
Vitamin B12 0%	Biotin 0%
Pantothenic Acid 2%	Phosphorus 6%
Iodine 2%	Magnesium 6%
Zinc 4%	Selenium 2%
Copper 10%	Manganese 20%
Chromium 0%	Molybdenum 2%
Chloride 0%	
*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.	
Calories: 2,000 2,500	
Total Fat	Less than 65g 80g
Saturated Fat	Less than 20g 25g
Cholesterol	Less than 300mg 300 mg
Sodium	Less than 2,400mg 2,400mg
Potassium	3,500 mg 3,500 mg
Total Carbohydrate	300g 375g
Dietary Fiber	25g 30g
Calories per gram:	
Fat 9 • Carbohydrate 4 • Protein 4	



Genesis[®] R&D is your partner in product formulation and in the preparation of nutrition facts & supplement facts labels.

USA & Canadian regulatory compliant versions available.

Download a Genesis[®] R&D SQL demo at www.garudaint.com

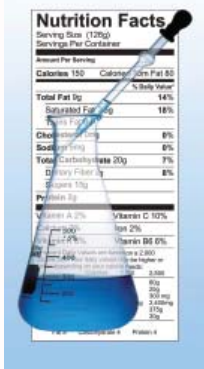


Genesis® R&D SQL Product Development & Nutritional Labeling Software

Genesis R&D SQL automates hundreds of tasks — product development, nutrition information presentation, labeling, and more — saving you time, money and the frustration of outsourcing for repetitious lab analysis. Using Genesis is like having a combination nutrition lab and label designer at your desk — one that gives you instant results and maximizes cost effectiveness. International companies seeking to introduce their products in the USA or Canada will find this software to be an invaluable tool for product development and in preparing their Nutrition Facts labeling that meets current FDA guidelines.

About the Database

Nutrient research is an important part of our commitment to quality nutrition software. The database team documents over 1,400 scientific sources of information. The stringent research protocols insure that no database will give you more accurate results and a more complete ingredient selection. The extensive database includes raw materials, whole foods, chemicals, and special food industry ingredients compiled just for Genesis customers. The database work is ongoing as the explosion of new foods enters the marketplace, and nutrient data is continually refined. Presently, with Genesis® R&D, you can analyze for 164 nutrients and components. Plus, you can add your own analysis factors to the database. It is one of the most comprehensive resources anywhere.

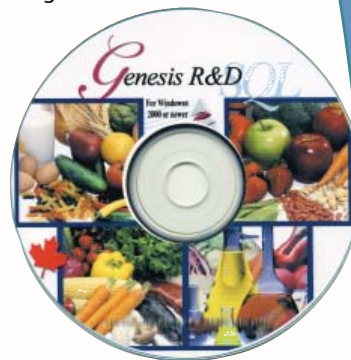


Nutrition Facts	
Serving Size (650g) Servings Per Container	
Amount Per Serving	
Calories 1750	Calories from Fat 63
% Daily Value*	
Total Fat 70g	108%
Saturated Fat 15g	75%
Trans Fat --g	
Cholesterol 0mg	0%
Sodium 1950mg	81%
Total Carbohydrate 275g	92%
Dietary Fiber 10g	40%
Sugars 150g	
Protein 10g	
Vitamin A 30%	Vitamin C 0%
Calcium 10%	Iron 20%
*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:	
Calories	2,000 2,500
Total Fat	Less Than 65g 80g
Saturated Fat	Less Than 20g 25g
Cholesterol	Less Than 300mg 300mg
Sodium	Less Than 2,400mg 2,400mg
Total Carbohydrate	300g 375g
Dietary Fiber	25g 30g
Calories per gram:	
Fat 9 • Carbohydrate 4 • Protein 4	



Quick Features

- A database of more than 32,000 foods and food items, including raw materials, additives and food industry ingredients. Users can add an unlimited number of new foods and modify existing foods.
- Automatic nutrient analysis for up to 164 nutritional components, plus MyPyramid food exchanges.
- Labels – U.S., Canadian, Spanish, Bilingual, Standard, Tabular, Dual Declaration, Aggregate, etc. –for all your labeling needs.
- Ingredient statements
- Barcode generation
- Trans Fat data and Label display option
- Formulation and ingredient costing
- Yield adjustments
- Allergen statements
- Moisture, fat and processing adjustment tools
- Meat and Dairy formulators
- Searching by group designation
- HACCP Guidelines
- Expanded network capabilities
- Intuitive interface
- Sophisticated, easy-to-use, ingredient search
- Progressive customization options
- Nutrition Facts Label - Camera ready and can be printed or exported
- The power of an SQL database
- The most up-to-date nutrition information
- Superior technology and Unparalleled customer service



Why SQL

An SQL database allows the program to keep recipes, labels and ingredients as separate, distinct files. Searching is easier, organizing is cleaner. In addition, SQL uses true client-server architecture, so Genesis R&D SQL works more smoothly in multi-user environments. For instance, with the SQL edition, network administrators can manage the database independently of the program.

Priority Support

Each purchase of Genesis® R&D SQL includes one full year of Priority Support. You have access to technical support, customer service, data researchers, dietitians and people knowledgeable about regulations and R&D needs. Priority Support also includes automatic program and database updates, discounts on training seminars and much more. Priority Support is your best way to get the most from your Genesis® R&D SQL software program.

System Requirements

- PIII 600 MHz processor
- Minimum of 192 MB RAM (512 MB recommended)
- Windows 2000 (SP4), or XP (Home or Professional - SP 2), Windows Server 2000 (SP4) or Windows Server 2003 (SP1)
- Vista Home Basic or Higher
- 350 MB Hard Disk space
- Internet Explorer 6.01 or higher.

(Not Supported: Windows 95, 98, ME)

Garuda International, Inc.

P.O. Box 44380
Lemon Cove, CA 93244, USA
Tel: +1(559)594-4380
Fax: +1(559)594-4689
genesis@garudaint.com
www.garudaint.com

