

CARDIOAID™ PLANT STEROLS

ADM PRODUCT CODE 040095
TECHNICAL DATA SHEET

CardioAid™
plant sterols

DESCRIPTION

The plant sterols in CardioAid™ plant sterols are derived from vegetable oils. Structurally similar to cholesterol, plant sterols have been found, in studies, to reduce the absorption of dietary cholesterol, which can impact serum cholesterol levels [Mayo Clin Proc 78:965-78 (2003); AJCN 74:33-43 (2001)].

The FDA has permitted the following claim for products containing plant sterols like CardioAid: Foods containing at least 0.4 gram per serving of plant sterols, eaten twice a day with meals for a daily total intake of at least 0.8 gram, as part of a diet low in saturated fat and cholesterol, may reduce the risk of heart disease. A serving of [name of the food] supplies ____ gram(s) of plant sterols.



TYPICAL CHARACTERISTICS

Appearance	White powder
Solubility in water	Insoluble
Melting point, °C	135-145

SPECIFICATIONS

Total plant sterols, %	Min. 95
Beta-sitosterol, %	40-58
Campesterol, %	20-30
Stigmasterol, %	14-22
Brassicasterol, %	0-6
Sitostanol, %	0-5
Tocopherols, mg/g	0-15
Heavy metals, ppm	Max. 10
Standard plate count, per g	Max. 1,000
Yeast & mold, per g	Max. 300
Salmonella	Neg.
E. coli	Neg.
Staph. aureus	Neg.

INGREDIENTS

Plant sterols.

STORAGE

CardioAid plant sterols should be stored in closed packaging under dry conditions.

SHELF LIFE

When stored unopened in original packaging and under recommended storage conditions, the shelf life is 60 months from the date of manufacture.

PACKAGING

CardioAid plant sterols are available in 25 kg fiber drums and 500 kg super sacks. Samples are available upon request.



For customers around the world, ADM draws on its resources—its people, products, and market perspective—to help them meet today's consumer demands and envision tomorrow's needs.

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STATUS

CardioAid™ plant sterols are Kosher, Pareve, and Halal and are produced under current food GMPs.

GM STATEMENT

CardioAid plant sterols are PCR negative. This material is derived from GMOs according to the EU Regulation on genetically modified food and feed [Regulation (EC) No. 1829/2003] and the traceability and labeling of GMOs and foods derived thereof [Regulation (EC) No. 1830/2003].

NUTRITION FACTS

Serving size 100 gram	Amount per serving
Calories, Kcal	2
Calories from fat, Kcal	2
Total fat, g	0.23
Saturated fat, g	0.03
Cholesterol, mg	0
Sodium, mg	1.2

Total carbohydrates, g	0
Dietary fiber, g	1.6
Sugars, g	0
Protein, g	0
Calcium, mg	0.2
Iron, mg	1.35
Vitamin A, IU	0
Vitamin C, mg	0
Vitamin K, mg	0
Thiamin, mg	0.04
Riboflavin, mg	0
Vitamin B6, mg	0
Folate, mcg	0
Vitamin B12, mcg	0
Biotin, mcg	0
Pantothenic acid, mcg	0
Phosphorus, mg	0
Iodine, mcg	0
Magnesium, mg	0
Zinc, mg	0
Copper, mg	0