



PRODUCT DATA SHEET

Reducol™

Specification No. SPF-001-00 (12)

Reducol™ is a unique, patented blend of naturally occurring compounds found in plants known as phytosterols and phytostanols. Reducol™ is a tasteless and odourless ingredient that can be incorporated into a variety of applications including non-fat and fatty functional foods and dietary supplements. Reducol™ is clinically proven to safely and effectively lower LDL cholesterol.

Parameter	Limits	Typical
Physical		
Appearance	Fine crystalline, waxy powder, white to off-white	Fine crystalline, waxy powder, white to off-white
Colour	<200	122
Odour	Characteristic bland odour. Free of off-odour.	Free of off-odour.
Chemical Composition		
Total Sterols	>93 % (w/w as-is basis) ¹	98 %
Other Sterols/stanols	<3 % (w/w as-is basis)	2 %
Water Content	<4 %	0.9 %
Solvents	<1000 ppm	< 0.1%
Sterol Profile		
Brassicasterol	<3 % (w/w as-is basis)	0 %
Campestanol	<38 % (w/w as-is basis)	7 %
Stigmasterol	<29 % (w/w as-is basis)	<1 %
Sitosterol	<77 % (w/w as-is basis)	71 %
Sitostanol	14-34 % (w/w as-is basis)	15 %
Other		
Lead	<0.1 ppm	<0.06 ppm
Mercury	<0.1 ppm	<0.03 ppm
Cadmium	<0.1 ppm	<0.06 ppm
Arsenic	<0.1 ppm	<0.06 ppm

¹ Submission to EU Commission established that >97% by QST018 was equivalent to >99% by EU reference method. See EFSA Journal (2003) 15, 1-12.



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Suggested Uses:	<ul style="list-style-type: none">• Dairy products• Cereal/grain foods• Beverages• Cooking oils and fat/oil-based food products• Baked goods• Confectionary• Dietary Supplements
Product Characteristics:	<ul style="list-style-type: none">• Dry, white and odour-less crystalline powder• Excellent heat stability• No caloric or fat value• Median particle size 20-40 microns
Recommended Labeling:	Reducol (plant sterols/stanols)
Packaging:	20 kilograms sealed in a blue, food-grade polyurethane liner Box Dimensions: 37 x 37 x 63 centimeters 27 boxes per pallet - 3 layers of 9 boxes Pallet Dimensions: 114 x 114 x 203 centimeters
Storage:	Store at ambient temperature
Product Code:	10001599020

Notes

- Reducol™ is food grade and suitable for food products in accordance with applicable EU and US government rules and regulations
- Reducol™ is made from coniferous trees- a non-genetically modified (engineered) source.
- Circle K Kosher Certified
- GRAS Notice 39 (Generally Recognized as Safe) by the US FDA
- Shelf life 48 months, when stored appropriately