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Product Specifications

Phytosterol (*mixture*)

Quality: Grade 1: > 40% β -Sitosterol; Grade 2: > 55% β -Sitosterol; Grade 3: > 70% β -Sitosterol

CAS NA

Mol. Formula
Source

NA
See below

Mol. Wt.

NA

<i>Test</i>	<i>Specification</i>			
Identity	IR			
Appearance	White microcryst. solid			
Particle Size	NLT 95% pass through 80 mesh			
Purity (glpc, area%)	<u>Grade 1</u> <i>Corn (maize)</i>	<u>Grade 2</u> <i>Corn (maize)</i>	<u>Grade 3</u> <i>Pine Tree (Tall Oil Pitch)</i>	
	β-Sitosterol	> 40%	> 55%	> 70%
	Campesterol	< 25%	> 25%	< 15%
	Stigmasterol	< 10-25%	~ 20%	< 15%
	Brassicasterol	< 5%	< 5%	< 2%
Total Sterols	> 90%	> 95%	> 99%	
LOD	< 2%	< 2%	< 2%	
Ash (residue on ignition)	< 2%	< 2%	< 2%	
Heavy metals (Pb)	< 10 ppm	< 10 ppm	< 10 ppm	
As	< 1 ppm	< 1 ppm	< 1 ppm	
<u>Microbiological Specifications</u>				
Total Plate Count	< 100 CFU/g	< 100 CFU/g	< 100 CFU/g	
E. Coli	Negative	Negative	Negative	
Salmonella	Negative	Negative	Negative	
Yeast & Mold	< 100 CFU/g	< 100 CFU/g	< 100 CFU/g	

Storage: Maintain in cool, dry containment.