



## Technical Data Sheet

Product Name	BETA-SITOSTEROL																
Synonyms	B-SITOSTEROL;BETA-SITOSTEROL;A-PHYTOSTEROL;CINCHOL; 24-ALPHA-ETHYLCHOLESTEROL;24BETA-ETHYLCHOLESTEROL																
CAS No	83-46-5																
Molecular Structure	<div><chem>CC(C)CC[C@H]1CC[C@@H]2[C@@]1(CC[C@H]3[C@H]2CC=C4[C@@]3(CC[C@@H](C4)O)C)C</chem></div> <div>C29H50O</div>																
Specification	<table><tr><th>ITEM</th><th>STANDARDS</th></tr><tr><td>APPEARANCE</td><td>WHITE POWDER</td></tr><tr><td>BETA-SITOSTEROL</td><td>≥40%; 50%; 70%; 80%; 90%;95%; 98% ;99%</td></tr><tr><td>BRASSICASTEROL</td><td>≤5.0%</td></tr><tr><td>TOTAL PHYTOSTEROL</td><td>≥90.0%;;95%; 98% ;99%</td></tr><tr><td>LOSS ON DRYING</td><td>≤3.0%</td></tr><tr><td>HEAVY METALS</td><td>≤10PPM</td></tr></table>			ITEM	STANDARDS	APPEARANCE	WHITE POWDER	BETA-SITOSTEROL	≥40%; 50%; 70%; 80%; 90%;95%; 98% ;99%	BRASSICASTEROL	≤5.0%	TOTAL PHYTOSTEROL	≥90.0%;;95%; 98% ;99%	LOSS ON DRYING	≤3.0%	HEAVY METALS	≤10PPM
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Application	<p>1. Plant sterols can be widely used in medical area for the prevention and treatment of coronary heart diseaseatherosclerosisulcer etc. It can also be used as W/O type emulsifying agent for the production of skin-care cream.</p> <p>2. As antioxidant in food and feed additives</p> <p>As aliments and moisturizer for skin in cosmetics</p> <p>As raw material of steroidal medicine and vitamin D3</p> <p>3. Reducing cholesterol, anti-inflammation, anti-ulcer, and anti-canner in clinical, and also used as a hair care nutrient and a skin care nutrient for cosmetics, in addition used as new type animal feed due to its attributes of benefit-growth, promote-healthy and raise-output.</p>																
Packing	N.W.25kgs drum																