



Viscarin[®] PH 109 carrageenan, NF, PhEur

NF, PhEur Specifications

QCP No.

Loss on Drying	NMT 12.0%	10006
Water Viscosity, 1.5%	NLT 5 mPa•s	15002
Total Bacterial Count	NMT 200 cfu/g	40007
Salmonella	Not detected by test	40104
E. coli	Not detected by test	40302
Ash	NMT 35.0%	50201
Acid Insoluble Matter	NMT 2.0%	50801
Acid Insoluble Ash	NMT 2.0%	50202
Lead	NMT 0.0005% (5 ppm)	52901
Heavy Metals	NMT 0.002% (20 ppm)	52902
Arsenic	NMT 3 ppm	59205
Solubility	Passes	53501
Identification (NF, PhEur)	Passes	53502
Mercury	NMT 1 ppm	52904
Cadmium	NMT 2 ppm	52907

Additional DuPont Specifications

Water Viscosity, 1.5%	220 - 350 mPa•s	15002
pH, 1.5%	8.0 - 10.5	10102
Particle Size	NLT 95.0% through USSS 180 µm (series #80)	10203
Mold and Yeast	NMT 100 cfu/g	40203
Staphylococcus aureus	Not detected by test	40401
Pseudomonas aeruginosa	Not detected by test	40901

Ingredient Declaration/Labeling:

Carrageenan*

*Predominantly Lambda Carrageenan

C of A Statement: We certify that, as of the date of shipment, the above mentioned product conforms with DuPont, current USP / NF and PhEur specifications for carrageenan. Cadmium and Mercury are tested on the intermediate carrageenan material semi-annually and results have been within PhEur limits. DuPont test methods are used when the test is not listed in the Pharmacopoeia. This product meets the requirements for Organic Volatile Impurities in the United States Pharmacopoeia <467> and ICH guideline Q3C for residual solvents. Residual isopropyl alcohol in the product is <0.1%.

Storage conditions: Store at ambient conditions. Keep containers sealed; material is hygroscopic.

Re-evaluation Date: DuPont recommends that after the re-evaluation date, the customer perform loss on drying, viscosity and water gel tests.

Manufactured following IPEC Excipient GMPs by DuPont Nutrition USA, Inc., Rockland, Maine, USA

NMT = Not More Than
NLT = Not Less Than



Safety Data Sheet (SDS) available on request.

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