



Viscarin® GP-209 Carrageenan, NF

Comments

- General purpose water-thickening, non-gelling carrageenan
- Produces smooth, free flowing solutions
- Excellent hydration in cold water
- Produces smooth and pliable textures with clean mouthfeel and excellent freeze-thaw characteristics

es .
es
12.5
2.0
35.0
3
0.001
0.004
200
etected by test
etected by test

Additional FMC Specifications	
pH, 1.5%	7.5 – 10.5
Water viscosity, 0.5%, mPa•s	100 – 130
Water viscosity, 1.5%, mPa•s	450 – 750
Particle size, % through 100 mesh	
(150 microns)	NLT 95.0
Microbial limits:	
Staphylococcus aureus	Not detected by test
Pseudomonas aeruginosa	Not detected by test
Mold and yeast, cfu/g	NMT 100

This product meets the requirement for Organic Volatile Impurities in the *United States Pharmacopeia* <467> and complies with the ICH Guide Q3C for Residual Solvents.

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

Re-evaluation Date: 1 year from date of manufacture, if storage conditions stated above are observed.

Re-evaluation Requirements: FMC recommends that after the above re-evaluation date, the customer perform the loss on drying and viscosity tests.

NLT = Not Less Than NMT = Not More Than

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FMC Corporation does not warrant against infringement of patents of third parties by reason of any uses made of the product in combination with other material or in the operation of any process; purchasers assume all risks of patent infringement by reason of any such use, combination, or operation,

Warranty

Because of the numerous factors affecting results, Viscarin carrageenan is sold on the understanding that purchasers will make their own test to determine the suitability of these products for their particular purpose. The several uses suggested by FMC Corporation are presented only to assist our customers in exploring possible applications. All information and data presented are believed to be accurate and reliable, but are presented without the assumption of any liability by FMC Corporation.

The information contained in this bulletin is intended to be general in nature. Techniques and data pertaining to specific uses for FMC ingredients and new developments will be published periodically in the form of supplemental application bulletins. Our technical staff is ready to offer assistance in the use of Viscarin carrageenan products.

Regulatory Status

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Viscarin carrageenan meets the standards set forth in the United States
Pharmacopeial/National Formulary and the Food Chemicals Codex.
Carrageenan chondrus extract is generally recognized as safe (GRAS) by
qualified experts and is in accordance with United States Food and Drug
Regulations (21 CFR 182 7255). Carrageenan is approved as a food additive
under 21 CFR 172.620. FMC maintains a Drug Master File with the U.S.
Food and Drug Administration to support the use of Viscarin in drug
products. Viscarin carrageenan is manufactured in accordance with Good
Manufacturies Practices and is in comprisone with the Foderal Food Para Manufacturing Practices and is in compliance with the Federal Fooc, Drug and Cosmetic Act as amended and applicable regulations.

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