

PRODUCT
SPECIFICATION
BULLETIN

Aquacoat® ECD-30
ethylcellulose aqueous dispersion, NF, JPE

Test	Specifications
Loss on drying, %	68.0 - 71.0
Ethyl cellulose, %	24.5 - 29.5
Sodium lauryl sulfate, %	0.9 - 1.7
Cetyl alcohol, %	1.7 - 3.3
pH	4.0 - 7.0
Hydrogen peroxide, ppm	NMT 50
Viscosity, cps	NMT 150
Heavy metals, %	NMT 0.001
Specific gravity	1.025 - 1.040
Identification	Pass
Total aerobic microbial count/gm	NMT 100
Total yeast and mold count/gm	NMT 20
<i>Pseudomonas aeruginosa</i>	None present in a 10g sample
<i>Escherichia coli</i>	None present in a 10g sample
<i>Staphylococcus aureus</i>	None present in a 10g sample
<i>Salmonella</i> species	None present in a 10g sample

Expiration Date: 2 years

Antifoam content: This product may contain up to 325 ppm antifoam based on process calculations.

Storage Conditions: Keep tightly closed. Store at approximately 22°C (72°F). Protect from freezing. Do not expose to temperatures above 35°C (95°F).

This product meets the requirements of the NF and JPE for Ethylcellulose Aqueous Dispersion.

Manufactured under GMP's and Issued by FMC Corporation, 1301 Ogletown Road, Newark, Delaware, 19711 USA. The product is in substantial compliance with the requirements for Bulk Pharmaceutical Excipient GMP as developed by IPEC America and also published in the USP Genral as Chapter <1078>.

FMC has characterized Aquacoat ECD as Generally Recognized as Safe (GRAS) for use as a coating in dietary supplements in accordance with the Federal Food, Drug and Cosmetic Act.

NMT = Not More Than

FMC Corporation

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The products, processes and uses thereof described herein are covered by one or more patent applications or patents.

Warranty

Because of the numerous factors affecting results, FMC ingredients are sold on the understanding that purchasers will make their own tests to determine the suitability of these products for their particular purpose. The several uses suggested by FMC BioPolymer 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 BioPolymer.

Technical Service

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 Aquacoat®.

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