



DuPont de Nemours, Inc.
SALES SPECIFICATION

Date Printed: 2021-07-06

Effective Date: 2020-09-11

Supersedes Date: 2019-07-23

Name: METHOCEL™ E15 Food Grade Modified Cellulose

Specification Number: 000000030356

Previous Specified Material: 00030356

Government and Industry Standards

Current FCC - Food & Chemicals Codex
EC (European Communities)
FAO/WHO (Food and Agriculture Org./World Health Org.)
U.S. FDA 21 CFR 172.874
U.S. FDA (Food and Drug Administration)
Current E464 - European Parliament and Council Directive

Final Testing Requirements

Test and Test Condition	Limit	Unit	Method	Note
Methoxyl	28.0 — 30.0	%	Current FCC	
Hydroxypropoxyl	7.0 — 12.0	%	Current FCC	
Viscosity, 2% in water, @ 20degC	12 — 18 15 Aim	cP	Current FCC	
Moisture, as packaged	5.0 Max	WT%	DOWM 100667	
Residue on Ignition	3.0 Max	%	Current FCC	
Sulfiting Agents, as Sulfur Dioxide	10 Max	ppm	U.S. FDA 21 CFR	1
Test Frequency:	audit basis			
Lead	2 Max	ppm	Current JECFA	
Test Frequency:	audit basis			

Final Testing Requirements Notes:

- Part 101, Appendix A. Monier-Williams procedure (with modifications) for sulfites in food, Center for Food and Safety and Applied Nutrition, Food and Drug Administration (FDA), November, 1985.

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General Notes

- 1 Tests tagged or noted as "Audit Basis" are conducted on a frequency that is established for each test. Audit testing is justified by knowledge of the manufacturing process, process control, use of dedicated equipment and raw material specifications. For tests conducted on an audit basis, individual batch test results are not provided on the Certificate of Analysis (COA). Instead, a statement of typical properties is given.

- 2 Tests tagged or noted as "Microbiological" are conducted on a frequency that is established for each test. Audit testing is justified by knowledge of the manufacturing process, process control, use of dedicated equipment and raw material specifications. For tests conducted on an audit basis, individual batch test results are not provided on the Certificate of Analysis (COA). Instead, a statement of typical properties is given.

Specification limits apply to product as packaged in the original container. They do not apply if the material has been repackaged, improperly stored, or if the package has been opened in an uncontrolled environment.

Samples returned for analysis must have been obtained under conditions which prohibit the introduction of microbial contamination. Sterile containers and sampling equipment must be used.

External Notes

- 1 This product is certified Kosher for Passover and Pareve.

- 2 The plant that produces this product is registered under ISO 9001 Quality System.

- 3 100 grams of this product have the following approximate nutrient values (calculated):

Water (grams)	5
Sodium chloride (grams)	2
Iron (milligrams)	15

- 4 This product meets all requirements outlined in 21 CFR 172.874, the FCC for hydroxypropyl methylcellulose, and the purity criteria set forth by Joint FAO/WHO Committee on Food Additives (JECFA). When used within the EC, the label declaration E464 may be used.

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READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.