

## SALES SPECIFICATION

# EASTMAN

Specification No: 13687E-11

Effective Date: 04 December 2017

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### PRODUCT NAME

Eastman™ Cellulose Acetate (CA-398-10 NF-EP) (PM 13687-0E)

### SPECIFICATIONS

PROPERTY	LIMITS	TEST METHOD
ASTM-A Viscosity, s	8.0 – 13.0	TECE-A-NF-13687-V-55
*NF Acetyl, %	39.3 – 40.3	TECE-A-NF-13687-POT-47
*NF Loss on Drying, W%	5.0 max	TECE-A-NF-13687-GA-63
*NF Free Acid, W%	0.1 max	TECE-A-NF-13687-POT-47
*NF Infrared Identity	PASS	TECE-A-NF-G-IR-5
NF Residue on Ignition, W%	0.1 max	TECE-A-NF-13687-GA-62
NF Heavy Metals, NMT 10 µg/g	PASS	TECE-A-NF-G-VCC-58
NF Residual Solvents	PASS	TECE-A-NF-13687-GC-50
EP Heavy Metals, ppm (10 max)	PASS	TECE-A-EP-G-VCC-68
EP Total Aerobic Microbial Count, 10 <sup>3</sup> CFU/g max	PASS	EP Method
EP Total Yeasts and Molds Count, 10 <sup>2</sup> CFU/g max	PASS	EP Method
EP Escherichia coli (absent)	PASS	EP Method
EP Salmonella (absent)	PASS	EP Method

\* NOTE: These tests are equivalent to the corresponding EP tests.

### ADDITIONAL INFORMATION

This product is in compliance with the requirements in USP General Chapters <232> Elemental Impurities, ICH Q3D Guideline for Elemental Impurities and EP Metal Catalyst or Metal Reagent Residues.

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*For reasons of safety and accuracy, the person performing this procedure must be thoroughly trained and under the supervision of a professional person who is knowledgeable in the relevant science. Equipment and materials described should be used in accordance with safety precautions recommended by their manufacturers. Limits in this specification are applicable only to data obtained by the referenced test method.*

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