

SALES SPECIFICATIONS

Sales Specification No : 18545-11

Effective Date : 06/07/2019

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EASTMAN**PRODUCT NAME****Eastman(TM) Ethyl Acetate, NF/EP****SPECIFICATIONS**

PROPERTY	LIMITS	TEST METHOD
NF MONOGRAPH TESTS	-----	-----
Specific Gravity @ 25/25C	0.894 - 0.898	TXAL-A-XX-G-DEN-001
Acidity as ml of 0.1N NaOH, ml	0.10 MAX	TXAL-A-XX-G-VA-067
Readily Carbonizable Substances, P/F	PASS	TXAL-A-XX-G-VCC-038
Nonvolatile Residue, W%	0.02 MAX	TXAL-A-XX-G-GA-009
Identification, P/F	PASS	TXAL-A-XX-G-IR-004
Assay, W%	98.0 - 102.0	TXAL-A-XX-G-GC-013
Acetaldehyde, W%	0.1 MAX	TXAL-A-XX-G-GC-013
Ethyl Isobutyl Ether, W%	0.1 MAX	TXAL-A-XX-G-GC-013
Methyl Compounds	0.1 MAX	TXAL-A-XX-G-GC-013
Other Impurities	0.3 MAX	TXAL-A-XX-G-GC-013
Residual Solvents	PASS	TXAL-A-XX-G-GC-229
EP MONOGRAPH TESTS	-----	-----
Appearance of Solution, P/F	PASS	TXAL-A-XX-G-VCC-118
Water, W%	0.050 MAX	TXAL-A-XX-G-VA-066
Relative Density @ 20/20C	0.898 - 0.902	TXAL-A-XX-G-DEN-001
Refractive Index @ 20C	1.370 - 1.373	TXAL-A-XX-G-RI-001
Acidity, P/F	PASS	TXAL-A-XX-G-VA-067
Reaction with Sulfuric Acid, P/F	PASS	TXAL-A-XX-G-VCC-038
Residue on Evaporation, ppm	30 MAX	TXAL-A-XX-G-GA-009
Related Substances, Area%	0.2 MAX	TXAL-A-XX-G-GC-013

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.

*Ethyl Isobutyl Ether is also identified as 1-Ethoxy-2-methylpropane.

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Sales Specification available on Eastman.com

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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