

SALES SPECIFICATIONS

Sales Specification No : 18545-12
 Effective Date : 06/21/2024
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**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 @ 20°C | 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.
 Eastman Chemical Company.

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