

SALES SPECIFICATION

EASTMAN

Specification No: 276FG-12
Effective Date: 29 November 2018
Page 1 of 1

PRODUCT NAME

Eastman™ Propionic Acid, Food Grade

SPECIFICATIONS

PROPERTY	LIMITS	TEST METHOD
Assay by GC, %	99.5 – 100.5	TECE-A-CL-G-GC-41 ¹ , or equivalent
Specific Gravity	0.993 – 0.997	FCC ²
FCC Aldehydes	PASS (Limit approx. 0.05%)	TECE-A-CL-G-GC-41 ¹ , or equivalent
FCC Lead, mg/kg (2.0 maximum)	PASS	TEAD-A-AN-G-ICP-84 ³ , or equivalent
FCC Nonvolatile Residue, W%	0.01 max.	USP/NF ⁴ , or equivalent
FCC Readily Oxidizable Subs	PASS (Limit approx. 0.05%)	FCC
FCC Water, %	0.15 max.	FCC
Distillation Range or Water/Propionic Acid	138.5° – 142.5°C or 0.09% max Water / 98.7% min Propionic Acid ⁵	FCC or TECE-A-FCC-G-C-4 / TECE-A-CL-G-GC-41, or equivalent

Additional Information

¹TECE-A-CL-G-GC-41 has been validated to replace the FCC method.

²FCC = Food Chemicals Codex, current edition.

³TEAD-A-CL-G-ICP-84 has been validated to replace the FCC method.

⁴USP/NF (U.S. Pharmacopeia/National Formulary) method has been validated to replace the FCC method.

⁵Water by TECE-A-FCC-G-C-4 and Propionic Acid by TECE-A-CL-G-GC-41 meeting these specifications have been validated to replace the distillation range specification (138.5 – 142.5°C).

Eastman™ is a trademark of Eastman Chemical Company.

Eastman Chemical Company • P.O. Box 511 • Kingsport, Tennessee 37662 USA • 1-800-EASTMAN • 1-423-229-2000 • www.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.

Neither Eastman Chemical Company nor its marketing affiliates shall be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability or fitness of any product; and nothing herein waives any of the seller's conditions of sale.