

**SALES SPECIFICATIONS**

Sales Specification No : 19703-7  
 Effective Date : 11/29/2018  
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**PRODUCT NAME**

Eastman(TM) Propionic Acid, Food Grade, Kosher

**SPECIFICATIONS**

PROPERTY	LIMITS	TEST METHOD
Propionic Acid, %	98.700 MIN	TECE-A-FCC-G-GC-4 TECE-A-CL-G-GC-41*****
Specific Gravity	0.993 - 0.997	FCC**
FCC Lead, mg/kg (<2.0)	PASS	TED-A-AN-G-ICP-84***, OR EQUIVALENT
Assay by GC, %	99.5 - 100.5	TECE-A-CL-G-GC-41*,OR EQUIVALENT
FCC Nonvolatile Residue, W%	0.01 MAX	USP/NF****, OR EQUIVALENT
FCC Readily Oxidizable Subs	PASS	FCC
FCC Water, %	0.15 MAX	FCC
FCC Aldehydes	PASS	TECE-A-CL-G-GC-41*,OR EQUIVALENT

## Additional Information

\*TECE-A-CL-G-GC-41 has been validated to replace the FCC method. \*\*FCC = Food Chemicals Codex, current edition.  
 \*\*\*TEAD-A-AN-G-ICP-84 has been validated to replace the FCC method. \*\*\*\*USP/NF (U. S. Pharmacopeia/National  
 Formulary) methods have been validated to replace the FCC method. \*\*\*\*\*TECE-A-CL-G-GC-4 Water (0.09  
 max)/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 Chemical Company · P.O. BOX 511 · Kingsport, Tennessee 37662 USA · 1-800-EASTMAN · 1-423-229-2000 · www.EASTMAN.com

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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