

SALES SPECIFICATIONS

Sales Specification No : 14917-14

Effective Date : 09/25/2013

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EASTMAN**PRODUCT NAME****Eastman EastaPure(TM) Acetic Acid****SPECIFICATIONS**

PROPERTY	LIMITS	TEST METHOD
Phosphates, ppb	1000 MAX	TECE-A-CL-G-IC-3
Sulfates, ppb	400 MAX	TECE-A-CL-G-IC-3
Chlorides, ppb	400 MAX	TECE-A-CL-G-IC-3
Zinc, ppb	30 MAX	TEAD-A-AN-G-ICM-2
Titanium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Tin, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Strontium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Sodium, ppb	30 MAX	TEAD-A-AN-G-ICM-2
Silver, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Potassium, ppb	25 MAX	TEAD-A-AN-G-ICM-2
Nickel, ppb	20 MAX	TEAD-A-AN-G-ICM-2
Manganese, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Magnesium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Lithium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Lead, ppb	20 MAX	TEAD-A-AN-G-ICM-2
Iron, ppb	100 MAX	TEAD-A-AN-G-ICM-2
Germanium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Gallium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Copper, ppb	20 MAX	TEAD-A-AN-G-ICM-2

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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.

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.

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PROPERTY	LIMITS	TEST METHOD
Cobalt, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Chromium, ppb	20 MAX	TEAD-A-AN-G-ICM-2
Calcium, ppb	25 MAX	TEAD-A-AN-G-ICM-2
Cadmium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Boron, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Barium, ppb	10 MAX	TEAD-A-AN-G-ICM-2
Arsenic & Antimony, ppb	5 MAX	TEAD-A-AN-G-ICM-2
Aluminum, ppb	50 MAX	TEAD-A-AN-G-ICM-2
Water, %	0.15 MAX	TECE-A-CL-G-POT-97
APHA Color, ppm	5 MAX	TECE-A-CL-G-VIS-54
Titration Base, meq/g 0.0004 MAX	PASS	TECE-A-CL-21-VA-77
Reducing Subs - Permanganate	PASS	TECE-A-CL-G-VA-2
Reducing Subs - Dichromate, ml	0.60 - 1.00	TECE-A-CL-G-POT-68
Heavy Metals, ppm (0.5 MAX)	PASS	TECE-A-CL-G-VCC-52
Acetic Anhydride, %	0.01 MAX	TECE-A-CL-G-GC-37
Nonvolatile Matter, W%	0.0005 MAX	TECE-A-CL-G-GA-42
Dilution	PASS	TECE-A-CL-G-MIS-4
Assay by GC, %	99.7 MIN	TECE-A-CL-G-GC-37

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