



PRODUCT SPECIFICATION SHEET
ACETIC ANHYDRIDE
REAGENT ACS GRADE

Catalog Number: 280000ACS, 280000000

Available in 55 gallon drums only

Test	Specification	Result
Assay	99.0% (wt%) min	99.8%
Residue after Evaporation	NMT 0.003%	< 10 ppm
Chloride	NMT 5 ppm	< 1 ppm
Phosphate	NMT 0.001%	<0.001%
Sulfate	NMT 5 ppm	< 5 ppm
Heavy Metals (as Pb)	NMT 2 ppm	< 2 ppm
Color, Pt-Co	NMT 10	< 1
Iron (Fe)	NMT 5 ppm	<0.5 ppm
Substance Reducing Permanganate	To pass test	Pass
Specific Gravity @ 20/20	1.080-1.085	1.083
Propionyl Content	200	78
Butyl Content	30	<15
Acetic Acid, wt%	0.500	0.179%

Form Acetic Anhydride, ACS #101, Rev. 2.0, 8/01

Approved by: Paul DiMarco, Vice President Quality Management

FOR INDUSTRIAL OR LAB USE ONLY. Not intended as an active substance in Food or Drug. Not to be considered a Medical Device. Not intended for use as a Disinfectant as defined by the EPA. The expiration date of this product is three years from the date of manufacture. (Rev. # Disclaimer only: Rev 2.0 11/19/01 PJM)

This document has been electronically generated and is therefore not signed. A signed copy can be obtained from Pharmco's Quality Control office.

Shipping Name:
Acetic Anhydride
Hazard Class: 8.3
UN: 1715 PG. II
Acetic Anhydride
CAS 108-24-7

LOT NO:
BATCH NO:

CORROSIVE

CHEMTREC NO. 1-800-424-9300

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pharmco
PRODUCTS INC.
58 Vale Road, Brookfield, Connecticut 06804 USA
Phone: (203) 740-3471 Fax: (203) 740-3481 202-03-11

ACETIC ANHYDRIDE
Reagent Grade ACS

CATALOG NO:
00000ACS
00000000

(1) Colorless (2) See Ref)

Product Specifications	Limits	Typical
Assay, wt%	99.0% min	99.7%
Residue after Evaporation	0.002% max.	0.001%
Chloride (Cl)	5 ppm max.	Pass
Phosphate (PO ₄)	0.001% max.	Pass
Sulfate (SO ₄)	5 ppm max.	Pass
Heavy Metals (as Pb)	2 ppm max.	Pass
Color, Pt-Co Units	10	5
Iron (Fe)	5ppm max.	<1ppm
Substance Reduced KMnO ₄	To Pass Test	Pass
Specific Gravity @ 20/20	1.080-1.085	1.063
Propionyl Content	200	<1ppm
Butyl Content	30	Pass
Acetic Acid, wt%	0.500	1.063

DANGER: CORROSIVE CHEMICAL & VAPOR. Improper Exposure Can Result in Severe Injury or Death! Immediate Damage to Tissue upon Contact! Wear all recommended protective equipment. Refer to MSDS for additional information.

DANGER: FLAMMABLE LIQUID & VAPOR. Keep away from all sources of ignition. Improper Exposure Can Result in Injury or Death! Wear all recommended protective equipment. Refer to MSDS for additional information.

STORAGE AND HANDLING: Keep in a cool, dry place. Do not expose to direct sunlight. Use only with proper personal protective equipment and ventilation. Refer to MSDS for additional information.

FIRST AID: SEEK IMMEDIATE MEDICAL ATTENTION. REFER TO MSDS FOR APPROPRIATE FIRST AID FOR THIS CHEMICAL.

REFER TO MSDS PRIOR TO USE. Use Only Under Appropriate Conditions. Use Only Under Trained Supervision.

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Acetic Anhydride ACS 00000 ACS Rev. 07/11/00

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