



PRODUCT SPECIFICATION SHEET
TOLUENE
REAGENT GRADE ACS/ HISTOLOGY/LAB GRADE

Catalog # / Product Code: 347000ACS 347000LAB 347000HIS

Available in the following sizes:

**4x1 gallon Fluorinated Poly, 4x4 liter Amber Glass, 5 gallon Metal w/Rieke Spout,
55 gallon New Metal Drum**

PRODUCT SPECIFICATIONS	LIMITS	TYPICAL LOT ANALYSIS
Assay (GC), min	99.7%	99.97%
Color (APHA), max	10	5
Appearance	Clear	Clear
Res. After Evap, max	10 ppm	<10 ppm
Substance Darkened by H ₂ SO ₄	To Pass	Pass
Sulfur Comp. (as S) max	1ppm	<1 ppm
Water, max	0.03%	0.01%
Boiling Range w/in 2.0C, inc. 110.6C +/-0.1C	To Pass	Pass
Refractive Index @ 25C	To Pass	Pass
Benzene	0.03%	ND
C8 Aromatics	Per lot	0.009%
Non-Aromatics	Per lot	0.001%
Specific Gravity 60/60F	0.869-0.873	0.8692


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

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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)

Shipping Name:
Toluene
Hazard Class: 3
UN: 1204
PG: I
Toluene CAS No: 108-88-3

Lot No:
Batch No:



pharmco
PRODUCTION
88 Vale Road Brookfield, Connecticut USA
Phone (203) 740-3471 Fax (203) 740-0481 DSP-CT-18



FLAMMABLE LIQUID

CHEMTREC NO. 1-800-424-9300

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Toluene

**REAGENT GRADE ACS
Histology/Lab Grade**

4.1 GALLON

Product Specifications	Limits	Results
Assay (GC), min.	99.7%	99.97%
Color (APHA), max.	10	5
Appearance	Clear	Clear
Residue after Evap., max.	10ppm	<10ppm
Sub. Darkened by H2SO4	To Pass	Pass
Sulfur Comp. (as S), max.	1ppm	<1ppm
Water, w%	0.03%	0.01%
Boiling Range w/in 2.0C, inc.	To Pass	Pass
110.8C +/- 0.1C		
Refract. Index @ 25C	To Pass	Pass
Benzene	0.03%	ND
C8 Aromatics	Per Lot	0.009%
Non-Aromatics	Per Lot	0.001%
Specific Gravity 60/60F	0.869-0.873	0.8692

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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.

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

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.

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

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