

QUALITY CONTROL DEPARTMENT

ORDER NUMBER

SPECIFICATION SHEET



PRODUCT	
Toluene HPLC Grade	284520 -0104

SPECIFICATION	SPECIFICATION VERSION	SPECIFICATION DATE
10544/GJ/GJ	1.9000	01/01/2006

PRODUCT SPECIFICATION

TEST	TEST ID	UNITS	REQUIREMENTS
Date Heading	Date Heading		Use By Date, Expiration Date, Retest Date, None
Appearance (c)	L-460		Clear
ACS Assay Gas Chromatography n	L-215	% wt.	99.7 =< Value =< 100 % wt.
Color (n)	L-020	APHA	0 =< Value =< 10 APHA
ACS Residue After Evap. (c)	L-220		0.001 % max
ACS Sub.Dark.Sulfuric Acid (c)	L-225		Pass
ACS Sulfur Compound (c)	L-230		0.003% max.
Water in volatile solvents (n)	L-036	%	0 =< Value =< .03 %
ACS UV Spectrophotometry (c)	L-205		Pass
400nm	L-205-400nm	AU	0 =< Value =< .01 AU
335nm	L-205-335nm	AU	0 =< Value =< .02 AU
310nm	L-205-310nm	AU	0 =< Value =< .05 AU
300nm	L-205-300nm	AU	0 =< Value =< .1 AU
293nm	L-205-293nm	AU	0 =< Value =< .2 AU
288nm	L-205-288nm	AU	0 =< Value =< .5 AU
286nm	L-205-286nm	AU	0 =< Value =< 1 AU
ACS Density 25C	L-222		.856 =< Value =< .873
ACS Boiling Range (c)	L-435		2.0C inc.110.6C+/-0.1C
Refractive Index25C (n)	L-002	(n)	1.493 =< Value =< 1.496 (n)
ACS Liquid Chromatography (c)	L-210		Pass
Absorbance	L-211		Pass
Gradient Elution	L-212		Pass
Country Of Origin	COUNTRY		
Manufacture Name	MFG NAME		
Shelf Life	SHELF LIFE		

REMARKS
All test methods conform to ACS requirements.

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DOT MARKINGS

UN CODE	PACKAGING GROUP	CAS NUMBER
1294	II	108-88-3

DOT NAME

UN1294, Toluene 3, PGI

CONTAINS

HAZARD TEXT

Important

The information on the sheet is believed to be accurate but is not warranted to be so. Protective equipment, health effects, and other related safety measures are based on intended and anticipated product use. Recipients are advised to confirm in advance of need that the information is applicable and suitable to their circumstances.