XI0059 Xylene, mixture of isomers, Multisolvent® ACS

total content of C_8H_{10} isomers (G.C.)	min. 99 %
density (20°/4°)	0,863 - 0,865
appearance	clear
colour (Hazen)	max. 10
acidity	max. 0,00025 meq/g
alkalinity	max. 0,00025 meq/g
aluminium (Al)	max. 0,1 ppm
barium (Ba)	max 0,01 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max 0,01 ppm
calcium (Ca)	max. 0,3 ppm
chromium (Cr)	max. 0,02 ppm
cobalt (Co)	max. 0,02 ppm
copper (Cu)	max. 0,02 ppm
iron (Fe)	max. 0,02 ppm
lead (Pb)	max. 0,1 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max 0,01 ppm
nickel (Ni)	max. 0,02 ppm
tin (Sn)	max. 0,1 ppm
zinc (Zn)	max 0,01 ppm
benzene (G.C.)	max. 0,1 %
ethylbenzene (G.C.)	max. 25 %
thiophene (G.C.)	max. 0,0001 %
toluene (G.C.)	max. 0,4 %
sulfur compounds (as S)	max. 0,003 %
substances darkened by H_2SO_4	passes test
residue on evaporation	max. 0,0003 %
water (K.F.)	max. 0,01 %

ART. NO.	VOLUME	CONTAINER
XI00591000	1 l	
XI00592500	2,5 l	
XI0059007E	7 l	

XI0053 Xylene, standard substance for GC

assay O-Xylene	6,5 - 7,5 %
assay Ethylbenzene	19,0 - 22,0 %
assay m-Xylene	70,5 - 72,5 %
assay p-Xylene	70,5 - 72,5 %
mixture Xylene	99,0 %
over ramp	60°C, 6°C/min 160°C, 20°C/min 220°C
identity	IR

ART. NO.	VOLUME	CONTAINER
XI00530005	5 ml	

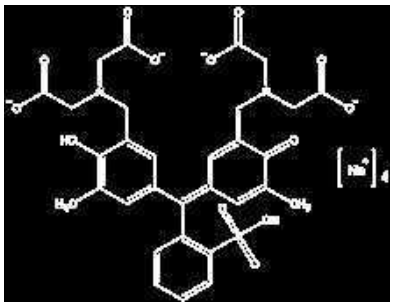
XI0052 Xylene, mixture of isomers, for histology

total content of C_8H_{10} isomers (G.C.)	min. 99 %
density (20°/4°)	0,863 - 0,865
colour (Hazen)	max. 10
acidity	max. 0,00025 meq/g
alkalinity	max. 0,00025 meq/g
aluminium (Al)	max. 0,5 ppm
barium (Ba)	max. 0,2 ppm
boron (B)	max. 0,05 ppm
cadmium (Cd)	max. 0,1 ppm
calcium (Ca)	max. 1 ppm
chromium (Cr)	max. 0,05 ppm
cobalt (Co)	max. 0,1 ppm
copper (Cu)	max. 0,05 ppm
iron (Fe)	max. 0,2 ppm
lead (Pb)	max. 0,2 ppm
magnesium (Mg)	max. 0,2 ppm
manganese (Mn)	max. 0,05 ppm
nickel (Ni)	max. 0,05 ppm
tin (Sn)	max. 0,2 ppm
zinc (Zn)	max. 0,2 ppm
benzene (G.C.)	max. 0,1 %
ethylbenzene (G.C.)	max. 25 %
thiophene (G.C.)	max. 0,0005 %
toluene (G.C.)	max. 0,4 %
sulfur compounds (as S)	max. 0,003 %
substances darkened by H_2SO_4	passes test
residue on evaporation	max. 0,001 %
water (K.F.)	max. 0,03 %

ART. NO.	VOLUME	CONTAINER
XI00521000	1 l	
XI00522500	2,5 l	
XI0052005L	5 l	
XI0052200L	200 l	

XYLENOL ORANGE, TETRASODIUM SALT

AN0090 Xylenol orange, tetrasodium salt, indicator for metal titration, ACS

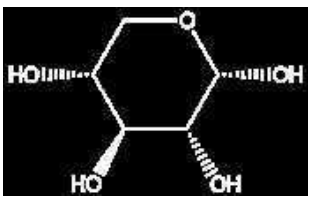


- Synonyms: 3',3"-Bis[bis(carboxymethyl)-aminoethyl] cresol sulfone phtrane sodium salt
- $C_{31}H_{28}N_2Na_4O_{13}S$
- M = 760,60 g/mol
- CAS [3618-43-7]
- EINECS-No.: 222-805-8
- Solub. in water: (20 °C): ~ 510 g/l
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator, for metals titration.

Absorption maximum λ (pH 14,0)	582 - 585 nm
Absorptivity (A1%/1 cm; λ max, pH 14,0 on dried sample)	600 - 650
appearance of solution	passes test
suitability as indicator for metal titration	passes test
loss on drying (110 °C)	max. 7 %

ART. NO.	VOLUME	CONTAINER
AN00900001	1 g	
AN00900005	5 g	

D(+)-XYLOSE



- Synonyms: Wood sugar
- $C_5H_{10}O_5$
- M = 150,13 g/mol
- CAS [58-86-6]
- EINECS-No.: 200-400-7
- Solub. in water: (20 °C): freely soluble
- Melting point: 154 °C
- Tariff number: 2940 00 00 20

- Applications: cosmetics, manufacture of dyes, in food industry, in pharma industry.

XI0079 D(+)-Xylose, EssentQ®

assay	min. 98 %
identity (IR-spectrum)	passes test
specific rotation ([α]20°/D, c = 10, H_2O)	18,5° - 19,5°
residue on ignition	max. 0,1 %
water (K.F.)	max. 0,5 %

ART. NO.	VOLUME	CONTAINER
XI00790100	100 g	

XI0080 D(+)-Xylose, extra pure, Pharmpur®, Ph Eur, BP

assay	min. 99 %
identity (IR-spectrum)	passes test
appearance of solution (10 %, H_2O)	clear and colourless
specific rotation ([α]20° /D, c = 5, H_2O)	+18,5 ° - +19,5 °
acidity or alkalinity	passes test
chlorides (Cl)	max. 0,033 %
heavy metals (as Pb)	max. 0,002 %
residue on ignition	max. 0,1 %
loss on drying (105 °C)	max. 0,5 %
Residual solvents are analysed according to guideline CPMP/ICH/283/95.	
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013	

ART. NO.	VOLUME	CONTAINER
XI00800100	100 g	
XI00800250	250 g	
XI00801000	1 kg	