

Technical Specification

PRODUCT : Xylene, mix of isomers RPE For analysis ISO ACS Reag.Ph.Eur. Reag.USP

CODE : 492300

MOLECULAR WEIGHT :106,17

CAS N° : 1330-20-7

FORMULA : C6H10

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<=10
Identification (I.R.)	-	Positive
Readily carbonizable substances	-	Conform
Density at 20°C	-	0.864 - 0.870
Refractive index at 20°C	-	1.4947 - 1.4987
Water (K.F.)	ppm	<= 200
Residue after evaporation	ppm	<= 20
Acidity (benzoic acid)	ppm	<= 14
Alcalinity (NH3)	ppm	<= 2
Benzene	ppm	<= 50
Ethylbenzene	%	<= 25
Thiophene	ppm	<= 1
Toluene	%	<= 1
Total sulphur	ppm	<= 3
Al	ppm	<= 0.5
Ba	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.05
Co	ppm	<= 0.02
Cr	ppm	<= 0.02
Cu	ppm	<= 0.02
Fe	ppm	<= 0.1
Mg	ppm	<= 0.1
Mn	ppm	<= 0.02
Ni	ppm	<= 0.02
Pb	ppm	<= 0.05
Sn	ppm	<= 0.1
Zn	ppm	<= 0.05
Assay (isomeric mixture)	%	>= 98.5
Any single impurity	%	<= 0.5

General description :

Boiling point : 140 °C

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in