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CERTIFICATE OF ANALYSIS**XI0059_24469306/1**

Product Xylene, mixture of isomers, Multisolvant® ACS

Batch 24469306

XI0059

Quality release date 23/01/2024

Expiry date 01/2029

Analysis	Batch value	Specifications
Total content of C ₈ H ₁₀ isomers (G.C.)	99,67 %	≥ 99,0
Density (20°/4°)	0,8644 g/mL	0,863 - 0,865
Appearance	clear	clear
Colour (Hazen)	4	≤ 10
Acidity	0,00002 meq/g	≤ 0,00025
Alkalinity	< 0,00025 meq/g	≤ 0,00025
Aluminium (Al)	< 0,1 ppm	≤ 0,1
Barium (Ba)	< 0,01 ppm	≤ 0,01
Boron (B)	< 0,02 ppm	≤ 0,02
Cadmium (Cd)	< 0,01 ppm	≤ 0,01
Calcium (Ca)	< 0,3 ppm	≤ 0,3
Chromium (Cr)	< 0,02 ppm	≤ 0,02
Cobalt (Co)	< 0,02 ppm	≤ 0,02
Copper (Cu)	< 0,02 ppm	≤ 0,02
Iron (Fe)	< 0,02 ppm	≤ 0,02
Lead (Pb)	< 0,1 ppm	≤ 0,1
Magnesium (Mg)	< 0,1 ppm	≤ 0,1
Manganese (Mn)	< 0,01 ppm	≤ 0,01
Nickel (Ni)	< 0,02 ppm	≤ 0,02
Tin (Sn)	< 0,1 ppm	≤ 0,1
Zinc (Zn)	< 0,01 ppm	≤ 0,01
Benzene (G.C.)	< 0,0100 %	≤ 0,1
Ethylbenzene (G.C.)	22,59 %	≤ 25,0
Thiophene (G.C.)	< 0,0001 %	≤ 0,0001
Toluene (G.C.)	0,0072 %	≤ 0,4
Sulfur compounds (as S)	< 0,003 %	≤ 0,003
Substances darkened by H ₂ SO ₄	passes test	passes test
Residue on evaporation	0,0001 %	≤ 0,0003
Water (K.F.)	0,01 %	≤ 0,01

For laboratory use only

Results marked with # are out of specifications.
This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

Marta Martinez Casals
Laboratory Technician