

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global
Certificate Number. QMS42099

Catalogue Number	X/0255
Lot Number	2543500
Description	Xylene MOS Electronic
CAS Number	1330-20-7
Quality Test/Release Date	08/Jul/2025
Expiry Phrase	Use within 5 years of opening
Country of Origin	United Kingdom

Result Name	Units	Specifications	Test Value
Acidity/alkalinity (meq/g)	meq/g	<= 0.0001	0.00002
Aluminium (Al)	ppm	<= 0.02	<0.02
Assay (GC)	%	>= 98	99.66
Barium (Ba)	ppm	<= 0.02	<0.005
Benzene	%	<= 0.05	0.00058
Cadmium (Cd)	ppm	<= 0.02	<0.005
Calcium (Ca)	ppm	<= 0.5	<0.05
Chemical form		Mobile liquid	Mobile liquid
Chromium (Cr)	ppm	<= 0.02	<0.005
Cobalt (Co)	ppm	<= 0.02	<0.005
Colour	APHA	<= 10	<5
Copper (Cu)	ppm	<= 0.05	<0.01
Iron (Fe)	ppm	<= 0.1	<0.02
Lead (Pb)	ppm	<= 0.05	<0.005
Lithium (Li)	ppm	<= 0.02	<0.01
Magnesium (Mg)	ppm	<= 0.2	<0.01
Manganese (Mn)	ppm	<= 0.02	<0.005
Molybdenum (Mo)	ppm	<= 0.02	<0.005
Nickel (Ni)	ppm	<= 0.02	<0.005
Potassium (K)	ppm	<= 0.5	<0.02
Sodium (Na)	ppm	<= 0.5	<0.05
Strontium (Sr)	ppm	<= 0.02	<0.005
Tin (Sn)	ppm	<= 0.02	<0.005
Titanium (Ti)	ppm	<= 0.02	<0.005
Toluene	%	<= 1	0.0396
Total phosphorus (P)	ppm	<= 0.1	<0.1
Total silicon (Si)	ppm	<= 0.05	<0.02
Total sulfur (S)	ppm	<= 2	<0.2
Vanadium (V)	ppm	<= 0.02	<0.01
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.05	0.012
Zinc (Zn)	ppm	<= 0.1	<0.01
n-Propyl benzene	%	<= 1	0.0034



Ashok Ganatra

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

Supervisor, QC

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