

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global  
Certificate Number: CERT-0120633

Catalogue Number	X5
Lot Number	253694
Description	XYLENES, A.C.S.
CAS Number	1330-20-7
Quality Test/Release Date	06/Oct/2025
Suggested retest date	29/Sep/2030
Country of Origin	United States
Declaration of Origin	Synthetic Non Animal
BSE/TSE	BSE/TSE free.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY	%	>= 98.5	99.7
COLOR	APHA	<= 10	<5
COPPER (Cu)	ppm	<= 0.1	<0.1
ETHYL BENZENE	%	<= 25	17
EVAPORATION RESIDUE	%	<= 0.002	<0.002
HEAVY METALS (as Pb)	ppm	<= 0.1	<0.1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IRON (Fe)	ppm	<= 0.1	<0.1
NICKEL (Ni)	ppm	<= 0.1	<0.1
SILVER (Ag)	ppm	<= 0.1	<0.1
SUBSTANCES DARKENED BY H2SO4	PASS/FAIL	= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.003	<0.003
WATER (H2O)	%	<= 0.05	0.01



Ash Frey  
Supervisor, Quality Control

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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.