



CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate

Number. 2317548

Catalogue Number 42122 Lot Number A0447639

Description p-Toluenesulfonic acid, pure, 12% in acetic acid

CAS Number 104-15-4
Quality Test/Release Date 21/Jan/2025
Suggested retest date 21/Jan/2026
Country of Origin UNITED KINGDOM

Declaration of Origin synthetic

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to light yellow to	Clear slightly yellow
		pink	
Appearance (Form)		Solution	Solution
Titration with NaOH	%	11 to 13	11

Geert Torfs Supervisor, QC

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 and development use only. 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.