

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.
Certificate Number. 951001163

Catalogue Number	015714
Lot Number	X17L022
Description	Sodium 1-pentanesulfonate monohydrate, HPLC grade
CAS Number	207605-40-1
Quality Test/Release Date	17/Oct/2025
Suggested retest date	17/Oct/2028
Country of Origin	United Kingdom
Declaration of Origin	Synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	≥98.0%	100.0
Appearance (Color)		White	White
Form		crystalline powder	Crystalline powder
Residual water	%	7 to 9%	8.6
Optical Absorbance at	AU	200nm: <0.300 AU (0.25M aq. solution)	0.038
Optical Absorbance at	AU	210nm: <0.200 AU (0.25M aq. solution)	0.013
Optical Absorbance at	AU	220nm: <0.100 AU (0.25M aq. solution)	0.007
Optical Absorbance at	AU	230nm: <0.075 AU (0.25M aq. solution)	0.006
Optical Absorbance at	AU	240nm: <0.050 AU (0.25M aq. solution)	0.005
Optical Absorbance at	AU	250nm: <0.050 AU (0.25M aq. solution)	0.006
Optical Absorbance at	AU	260nm: <0.040 AU (0.25M aq. solution)	0.004
Solution Test		10% aq. solution: Clear and colorless	Clear and colorless



Derek Roy
Quality Manager, LCD

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.



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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.

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