

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	S09L006
Description	Sodium 1-pentanesulfonate monohydrate, HPLC grade
CAS Number	207605-40-1
Quality Test/Release Date	09/Jun/2025
Suggested retest date	09/Jun/2028
Country of Origin	United Kingdom
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	≥98.0%	99.6
Appearance (Color)		White	White
Form		crystalline powder	Crystalline powder
Residual water	%	7 to 9%	8.5
Optical Absorbance at	AU	200nm: <0.300 AU (0.25M aq. solution)	0.074
Optical Absorbance at	AU	210nm: <0.200 AU (0.25M aq. solution)	0.024
Optical Absorbance at	AU	220nm: <0.100 AU (0.25M aq. solution)	0.012
Optical Absorbance at	AU	230nm: <0.075 AU (0.25M aq. solution)	0.007
Optical Absorbance at	AU	240nm: <0.050 AU (0.25M aq. solution)	0.004
Optical Absorbance at	AU	250nm: <0.050 AU (0.25M aq. solution)	0.004
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

John Astarita

John Astarita
 Director, Quality

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

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.



Thermo Fisher Scientific
Ward Hill, MA-Sites
30 Bond Street 220 Neck Road 38 Shelley Road
Ward Hill Ward Hill Ward Hill
MA 01835 MA 01835 MA 01835

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