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	P31L037
Description	Sodium 1-pentanesulfonate monohydrate, HPLC grade
CAS Number	207605-40-1
Quality Test/Release Date	31/Mar/2025
Suggested retest date	31/Mar/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

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.