

## 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	16787
Lot Number	A0469991
Description	n-Pentane,99+%,for spectroscopy
CAS Number	109-66-0
Quality Test/Release Date	25/Feb/2025
Suggested retest date	25/Feb/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
Appearance (Form)		Clear liquid	Clear liquid
Color scale	APHA	=<10	10
GC	%	>=99.0	99.4
Water	%	=<0.01	0.008
UV		at 200 nm A: =<0.699	at 200 nm A:0.116
UV		at 210 nm A: =<0.222	at 210 nm A:0.039
UV		at 220 nm A: =<0.046	at 220 nm A:0.014
UV		at 230 nm A: =<0.018	at 230 nm A:0.007
UV		at 240 nm A: =<0.009	at 240 nm A:0.003
Residue after evaporation	%	=<0.001	=<0.001



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.

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.