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ThermoFisher
SCIENTIFIC**Version** 0
Molecular weight 72.15
Molecular formula C5 H12
CAS No 109-66-0
Linear formula CH3(CH2)3CH3
Flash point (°C) -49

Certificate of Analysis

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.

Catalog Number	16787	Quality Test / Release Date	19 April 2022
Lot Number	A0441292	Suggested Retest Date	April 2025
Description	n-Pentane,99+%,for spectroscopy		
Country of Origin	UNITED KINGDOM		
Declaration of Origin	synthetic		

Origin Comment

Result Name	Specifications	Test Value
Appearance (Form)	Clear liquid	Clear liquid
Color scale	≤10 APHA	10 APHA
GC	≥99.0 %	99.4 %
Water	≤0.01 %	0.001 %
UV	at 200 nm A: ≤0.699	at 200 nm A:0.3522
UV	at 210 nm A: ≤0.222	at 210 nm A:0.1048
UV	at 220 nm A: ≤0.046	at 220 nm A:0.0314
UV	at 230 nm A: ≤0.018	at 230 nm A:0.0091
UV	at 240 nm A: ≤0.009	at 240 nm A:0.0082
Residue after evaporation	≤0.001 %	none detected

C. Wygaerts, QA Manager

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