

## 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	41155
Lot Number	A0483692
Description	Hexanes,99%,for spectroscopy ACS,mixture of isomers
CAS Number	92112-69-1
Quality Test/Release Date	28/May/2026
Suggested retest date	28/May/2031
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	%	≥98.5 Sum of 5 isomers + total Hexanes	99.9 Sum of 5 isomers + total Hexanes
GC		+ Methylcyclopentane	+ Methylcyclopentane
Residue after evaporation	%	≤0.001	≤0.001
Water soluble titr. acid	meq/g	≤0.0003	≤0.0003
Sulfur compounds (as S)	%	≤0.005	≤0.005
Thiophene		passes test	passes test
UV		at 400 nm A: ≤0.01	at 400 nm A: ≤0.01
UV		at 280 nm A: ≤0.01	at 280 nm A:0.0028
UV		at 250 nm A: ≤0.02	at 250 nm A:0.0071
UV		at 240 nm A: ≤0.04	at 240 nm A:0.0149
UV		at 230 nm A: ≤0.10	at 230 nm A:0.0333
UV		at 220 nm A: ≤0.20	at 220 nm A:0.0819
UV		at 210 nm A: ≤0.30	at 210 nm A:0.2344
UV		at 195 nm A: ≤1.0	at 195 nm A:0.9473

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.