

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global
Certificate Number. QMS42099

Catalogue Number	P/1006
Lot Number	2546552
Description	Pentane mixed isomers HPLC HPLC Certified
CAS Number	109-66-0
Quality Test/Release Date	30/Jul/2025
Expiry Phrase	Use within 5 years
Country of Origin	Germany

Result Name	Units	Specifications	Test Value
Absorbance @ 200 nm	A.U.	<= 0.25	0.194
Absorbance @ 210 nm	A.U.	<= 0.2	0.048
Absorbance @ 220 nm	A.U.	<= 0.05	0.017
Absorbance @ 230 nm	A.U.	<= 0.01	0.009
Absorbance @ 240 nm	A.U.	<= 0.005	0.003
Absorbance @ 250 nm	A.U.	<= 0.005	0.002
Acidity/alkalinity (meq/g)	meq/g	<= 0.0002	0.00008
Assay (GC)	%	>= 95	96.68
Chemical form		Mobile liquid	Mobile liquid
Residue after evaporation (ppm)	ppm	<= 2	None Detected
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.01	0.005

Additional Information Filtered to 0.2 micron



Ashok Ganatra
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 use or further manufacturing. 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.