

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 41004
Lot Number 2193308
Description Diethyl ether HPLC HPLC
CAS Number 60-29-7
Quality Test/Release Date 20/Aug/2021
Expiry Phrase Use within 2 yrs of opening
Country of Origin Germany

Result Name	Units	Specifications	Test Value
Absorbance @ 208 nm	A.U.	<= 1	0.248
Absorbance @ 210 nm	A.U.	<= 0.523	0.208
Absorbance @ 230 nm	A.U.	<= 0.301	0.073
Absorbance @ 250 nm	A.U.	<= 0.097	0.014
Absorbance @ 270 nm	A.U.	<= 0.046	0.004
Absorbance @ 280 nm	A.U.	<= 0.022	0.005
Absorbance @ 400 nm	A.U.	<= 0.009	0
Acidity	meq/g	<= 0.0002	0.00003
Alkalinity (meq/g)	meq/g	<= 0.0002	None Detected
Assay (GC)	%	>= 98	99.98
Chemical form		Mobile liquid	Mobile liquid
Colour	APHA	<= 10	<5
Non volatile matter	%	<= 0.0003	None Detected
Peroxide (ppm)	ppm	<= 1	0.15
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.05	0.01

Additional Information 2% Ethanol added as a stabilizer



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.