

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 2216559
Description Diethyl ether HPLC HPLC
CAS Number 60-29-7
Quality Test/Release Date 11/Mar/2022
Expiry Phrase Use within 2 yrs of opening
Country of Origin Germany

Result Name	Units	Specifications	Test Value
Absorbance @ 208 nm	A.U.	<= 1	0.336
Absorbance @ 210 nm	A.U.	<= 0.523	0.308
Absorbance @ 230 nm	A.U.	<= 0.301	0.137
Absorbance @ 250 nm	A.U.	<= 0.097	0.025
Absorbance @ 270 nm	A.U.	<= 0.046	0.015
Absorbance @ 280 nm	A.U.	<= 0.022	0.023
Absorbance @ 400 nm	A.U.	<= 0.009	0
Acidity	meq/g	<= 0.0002	Not Measured
Alkalinity (meq/g)	meq/g	<= 0.0002	Not Measured
Assay (GC)	%	>= 98	99.98
Chemical form		Mobile liquid	Mobile liquid
Colour	APHA	<= 10	Not Measured
Non volatile matter	%	<= 0.0003	Not Measured
Peroxide (ppm)	ppm	<= 1	Not Measured
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.05	0.006

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.