

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global  
Certificate Number: CERT-0120633

Catalogue Number	14675
Lot Number	B0549912A
Description	ETHYLENE GLYCOL, 99+%, EXTRA PURE
CAS Number	107-21-1
Quality Test/Release Date	07/Jan/2026
Suggested retest date	06/Jan/2031
Country of Origin	United States
Declaration of Origin	Organic - synthetic
BSE/TSE	Ethylene Glycol is synthesized from hydrocarbon feedstocks. Therefore, to the best of our knowledge, this product should have no issue with BSE/TSE.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, viscous liquid
ACIDITY	%	<= 0.002	0.001
ASSAY BY GC	%	>= 99.0	100.0
COLOR	APHA	<= 10	<5
IDENTIFICATION	PASS/FAIL	IN PASS TEST	PASS TEST
REFRACTIVE INDEX @ 20 DEG C		Inclusive Between 1.4300 - 1.4330	1.4319
SULFATED ASH	%	<= 0.05	<0.05
WATER (H2O)	%	<= 0.1	<0.1

Ash Frey  
Supervisor, Quality Control

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.