

**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	15892
Lot Number	2675499
Description	Glycerol 99% Pure
CAS Number	56-81-5
Quality Test/Release Date	23/Apr/2026
Expiry Phrase	Use within 5 years of opening
Country of Origin	Germany
Declaration of Origin	Plant
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
Assay (GC)	%	>= 99	99.99
Chemical form		Viscous liquid	Viscous liquid
Chloride (Cl) (%)	%	<= 0.001	<0.0005
Colour	APHA	<= 10	<5
IR		Must be 'Pass'	Pass
Lead (Pb)	ppm	<= 2	<0.05
Refractive index		>= 1.47 and <= 1.475	1.4741
Residue after ignition	%	<= 0.01	0.0008
Visual colour		Clear colourless	Clear colourless
Water	%	<= 0.5	0.14

**Additional Information** Conforms to BP and USP

*A. Ganatra*

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.