

## 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	BP8201
Lot Number	255561
Description	70% ETHYL ALCOHOL (ETHANOL), MOLECULAR BIOLOGY GRADE
CAS Number	64-17-5
Quality Test/Release Date	04/Dec/2025
Suggested retest date	03/Dec/2030
Country of Origin	United States
Declaration of Origin	Organic - Plant
BSE/TSE	this product is produced from corn. No raw materials from animal sources are used in the manufacturing of this product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (ETHANOL)	%	Inclusive Between 68 - 72	70
ASSAY OF WATER	%	Inclusive Between 28 - 32	30
COLOR	APHA	<= 10	<5
DNASE	PASS/FAIL	= NOT DETECTED	NOT DETECTED
EVAPORATION RESIDUE	%	<= 0.001	<0.001
PROTEASE	PASS/FAIL	= NOT DETECTED	NOT DETECTED
RNASE	PASS/FAIL	= NOT DETECTED	NOT DETECTED
SUBSTANCES DARKENED BY H2SO4	PASS/FAIL	= PASS TEST	PASS TEST
SUBSTANCES REDUCING KMNO4	PASS/FAIL	= PASS TEST	PASS TEST

**Additional Information** ACS grade Absolute Ethanol is used to prepare this blend.



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.