

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	A401
Lot Number	252666
Description	TERTIARY BUTYL ALCOHOL, CERTIFIED
CAS Number	75-65-0
Quality Test/Release Date	24/Jun/2025
Suggested retest date	23/Jun/2030
Country of Origin	United States
Declaration of Origin	Organic - synthetic
BSE/TSE	Produced from synthetic raw materials based on crude oil. No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ACIDITY	%	<= 0.005	0.001
BOILING POINT (95 ML)	DEGREES CELSIUS	Inclusive Between 81.5 - 83.0	83.0
BOILING POINT (INITIAL)	DEGREES CELSIUS	Inclusive Between 81.5 - 83.0	82.4
BOILING RANGE (1-95 ML)	DEGREES CELSIUS	<= 1.5	0.6
COLOR	APHA	<= 10	5
EVAPORATION RESIDUE	%	<= 0.002	<0.002
FREEZING POINT	DEGREES CELSIUS	Inclusive Between 24.0 - 25.5	25.0
IDENTIFICATION	PASS/FAIL	IN PASS TEST	PASS TEST



Matthew Micek
QC Supervisor

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.