

## 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	42324
Lot Number	B0549449B
Description	ACETONE, REAGENT 99.6%, ACS
CAS Number	67-64-1
Quality Test/Release Date	10/Jul/2025
Suggested retest date	09/Jul/2030
Country of Origin	United States
Declaration of Origin	Organic - non animal

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ALDEHYDE	%	<= 0.002	0.001
ASSAY	%	>= 99.5	99.7
COLOR	APHA	<= 10	<5
EVAPORATION RESIDUE	%	<= 0.001	<0.001
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
ISOPROPYL ALCOHOL	%	<= 0.05	<0.05
METHANOL	%	<= 0.05	0.02
SOLUBILITY IN WATER	PASS/FAIL	= PASS TEST	PASS TEST
SUBSTANCES REDUCING KMNO4	PASS/FAIL	= PASS TEST	PASS TEST
TITRATABLE ACID	MEQ/G	<= 0.0003	0.0003
TITRATABLE BASE	MEQ/G	<= 0.0006	0.0001
WATER (H2O)	%	<= 0.5	0.3



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.