

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	A949
Lot Number	257845
Description	ACETONE, HPLC, ACS
CAS Number	67-64-1
Quality Test/Release Date	05/Jun/2026
Suggested retest date	04/Jun/2031
Country of Origin	United States
Declaration of Origin	Organic - non animal
BSE/TSE	This material is derived from petroleum. It does not contain or come into contact with any bovine-containing materials or components.

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	ppm	<= 1	1
IDENTIFICATION	CONFORMS TO STANDARD	= CONFORMS TO STANDARD	CONFORMS TO STANDARD
ISOPROPYL ALCOHOL	%	<= 0.05	<0.05
METHANOL	%	<= 0.05	0.02
OPTICAL ABS AT 330 NM	ABSORBANCE UNITS	<= 1.00	0.67
OPTICAL ABS AT 340 NM	ABSORBANCE UNITS	<= 0.10	0.05
OPTICAL ABS AT 350 NM	ABSORBANCE UNITS	<= 0.02	0.01
OPTICAL ABS AT 400 NM	ABSORBANCE UNITS	<= 0.01	<0.01
SOLUBILITY IN WATER	PASS/FAIL	= PASS TEST	PASS TEST
SUBSTANCES REDUCING KMNO4	PASS/FAIL	= PASS TEST	PASS TEST
TITRATABLE ACID	mEq/g	<= 0.0003	0.0002
TITRATABLE BASE	mEq/g	<= 0.0006	0.0001
WATER (H2O)	%	<= 0.5	0.3

Ash Frey
Supervisor, Quality Control

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.

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.

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