

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	BP2401
Lot Number	256942
Description	ACETIC ACID, GLACIAL, CERTIFIED ACS
CAS Number	64-19-7
Quality Test/Release Date	01/May/2026
Suggested retest date	30/Apr/2031
Country of Origin	United States
Declaration of Origin	Organic - Synthetic
BSE/TSE	This material is manufactured through a petrochemical synthesis process and is free from ingredients of animal sources.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ACETIC ANHYDRIDE	%	<= 0.01	<0.01
ALUMINUM	ppm	<= 0.3	<0.3
ARSENIC AND ANTIMONY	ppm	<= 0.005	<0.005
ASSAY	%	>= 99.7	100.0
BORON (B)	ppm	<= 0.2	<0.2
CALCIUM (Ca)	ppm	<= 0.3	<0.3
CHLORIDE	ppm	<= 0.4	<0.40
CHROMIUM (Cr)	ppm	<= 0.2	<0.2
COLOR	APHA	<= 10	<10
COPPER (Cu)	ppm	<= 0.1	<0.1
DILUTION TEST	PASS/FAIL	= PASS TEST	PASS TEST
EVAPORATION RESIDUE	ppm	<= 8	<8
GOLD (Au)	ppm	<= 0.3	<0.3
HEAVY METALS (as Pb)	ppm	<= 0.5	<0.5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IRON (Fe)	ppm	<= 0.2	<0.2
LEAD (Pb)	ppm	<= 0.3	<0.3
MAGNESIUM (Mg)	ppm	<= 0.3	<0.3
MANGANESE (Mn)	ppm	<= 0.3	<0.3
NICKEL (Ni)	ppm	<= 0.1	<0.1
PHOSPHATE (PO4)	ppm	<= 1	<1
POTASSIUM (K)	ppm	<= 0.3	<0.3
SODIUM (Na)	ppm	<= 0.3	<0.3
SUBSTANCES REDUCING DICHROMATE	PASS/FAIL	= PASS TEST	PASS TEST
SUBSTANCES REDUCING KMNO4	PASS/FAIL	= PASS TEST	PASS TEST
SULFATE (SO4)	ppm	<= 0.4	<0.4
TIN (Sn)	ppm	<= 0.3	<0.3
TITANIUM (Ti)	ppm	<= 0.3	<0.3
TITRATABLE BASE	MEQ/G	<= 0.0004	<0.0004
ZINC (Zn)	ppm	<= 0.3	<0.3



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.

Ash Frey
Supervisor, Quality Control

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