Carlo Erba Reagents S.A.S.
Parc d'Affaires des Portes
Chaussée du Vexin - BP 616
27106 Val de Reuil Cedex
Tél.:02.32.09.20.00
Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4
13124 PEYPIN
Tél.:04.42.32.41.41
Fax 04.42.72.41.62

Carlo Erba Reagents S.r.l.
Via R. Merendi, 22
20010 Cornaredo (Mi)
Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

Technical Specification

PRODUCT : ACETIC ACID GLACIAL RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP

CODE : 401420 **MOLECULAR WEIGHT :60.05**

CAS N° : 64-19-7

FORMULA : CH3COOH

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid or crystalline
Colour	APHA	<= 10
Identification	-	Positive
Water miscibility	-	Conform
Titrable base	-	Conform
Substances Reducing Dichromate (K2Cr2O7)	-	Conform
Subs. reducing KMnO4	-	Conform
Density at 20°C	-	1.0501 - 1.0521
Refractive index at 20°C	-	1.3711 - 1.3731
Boiling point	°C	118.3 - 118.8
Freezing point	°C	>= 16
Assay	%	99.5 - 100.5
Residue on evaporation	ppm	<= 10
Formic acid	%	<= 0.05
Acetic anhydride	ppm	<=100
Chloride	ppm	<= 1
Carbonyl compounds (as CO)	ppm	<= 50
Phosphate	ppm	<= 0.5
Heavy metals (as Pb)	ppm	<= 0.5
Sulfate	ppm	<= 0.5
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
As	ppm	<= 0.01
Ba	ppm	<= 0.1
Be	ppm	<= 0.02
Bi	ppm	<= 0.02
Ca	ppm	<= 0.2
Cd	ppm	<= 0.05
Co	ppm	<= 0.01
Cr	ppm	<= 0.03
Cu	ppm	<= 0.01
Fe	ppm	<= 0.2
K	ppm	<= 0.1
Li	ppm	<= 0.02
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Mo	ppm	<= 0.05
Na	ppm	<= 0.5
Ni	ppm	<= 0.03
Pb	ppm	<= 0.02
Sr	ppm	<= 0.02
Ti	ppm	<= 0.1
Tl	ppm	<= 0.05
V	ppm	<= 0.05
Zn	ppm	<= 0.05

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
CARLO ERBA Reagents w ould not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in

Date : 07/10/2025

QUALITY CONTROL RESPONSIBLE
J. RICHARD (VDR)

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TEST	U.M.	SPECIFICATION
Zr	ppm	<= 0.1
Assay (GC)	%	>= 99.8
Water (K.F.)	ppm	<= 1500
Acetaldehyde	ppm	<= 500

Miscible in w ater

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