

Technical Specification

PRODUCT : ACETIC ACID GLACIAL RSE - For electronic use

CODE : 401460

MOLECULAR WEIGHT :60.05

CAS N° : 64-19-7

FORMULA : CH₃COOH

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Water miscibility	-	Conform
Freezing point	°C	>= 16.24
Assay (acidimetric)	%	>= 99.9
Density at 20°C	-	1.0495 - 1.0503
Boiling point	°C	118.3 - 118.8
Residue on evaporation	ppm	<= 5
Formic acid	%	<= 0.1
Acetic anhydride	ppm	<=100
Chloride	ppm	<= 1
Carbonyl compounds (as CO)	ppm	<= 50
Phosphate	ppm	<= 0.5
Heavy metals (as Pb)	ppm	<= 0.5
Substances Reducing Dichromate (K ₂ Cr ₂ O ₇)	ppm	<=100
Subs. reducing KMnO ₄	ppm	<= 10
Sulfate	ppm	<= 1
Ag	ppm	<= 0.02
Al	ppm	<= 0.01
As	ppm	<= 0.005
Au	ppm	<= 0.05
B	ppm	<= 0.01
Ba	ppm	<= 0.1
Be	ppm	<= 0.02
Bi	ppm	<= 0.02
Ca	ppm	<= 0.2
Cd	ppm	<= 0.01
Co	ppm	<= 0.01
Cr	ppm	<= 0.03
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
Ga	ppm	<= 0.02
In	ppm	<= 0.02
K	ppm	<= 0.1
Li	ppm	<= 0.02
Mg	ppm	<= 0.05
Mn	ppm	<= 0.01
Mo	ppm	<= 0.05
Na	ppm	<= 0.2
Ni	ppm	<= 0.03
Pb	ppm	<= 0.01
Pt	ppm	<= 0.05
Sb	ppm	<= 0.005
Sn	ppm	<= 0.02

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.

CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in

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Sr	ppm	<= 0.02
Ta	ppm	<= 0.1
Ti	ppm	<= 0.05
Tl	ppm	<= 0.05
V	ppm	<= 0.05
Zn	ppm	<= 0.05
Zr	ppm	<= 0.05

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