

Technical Specification

PRODUCT : Acetone RS - MOS For electronic use
CODE : 401040
MOLECULAR WEIGHT :58,01
CAS N° : 67-64-1
FORMULA : CH₃COCH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Water miscibility	-	Complete
Assay (GC)	%	>= 99.8
Resistivity	MOhm.cm	>= 5
Density at 20°C	-	0.790 - 0.792
Boiling point	°C	55.8 - 56.3
Water (K.F.)	%	<= 0.2
Residue on evaporation	ppm	<= 5
Acidity (formic acid)	ppm	<= 15
Alcalinity (NH ₃)	ppm	<= 2
Ethanol	ppm	<= 100
2-Propanol	ppm	<= 500
Methanol	ppm	<= 500
Aldehydes	ppm	<= 10
Chloride	ppm	<= 0.1
Phosphate	ppm	<= 0.1
Heavy metals (as Pb)	ppm	<= 0.2
Sulfate	ppm	<= 0.5
Subs. reducing KMnO ₄	ppm	<= 2
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
As	ppm	<= 0.01
Au	ppm	<= 0.05
B	ppm	<= 0.01
Ba	ppm	<= 0.1
Be	ppm	<= 0.02
Bi	ppm	<= 0.02
Ca	ppm	<= 0.1
Cd	ppm	<= 0.005
Co	ppm	<= 0.005
Cr	ppm	<= 0.01
Cu	ppm	<= 0.01
Fe	ppm	<= 0.05
Ga	ppm	<= 0.02
In	ppm	<= 0.02
K	ppm	<= 0.1
Li	ppm	<= 0.02
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Mo	ppm	<= 0.05
Na	ppm	<= 0.2
Ni	ppm	<= 0.01
Pb	ppm	<= 0.01

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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Pt	ppm	<= 0.02
Sb	ppm	<= 0.01
Sn	ppm	<= 0.02
Sr	ppm	<= 0.02
Ti	ppm	<= 0.05
Tl	ppm	<= 0.05
V	ppm	<= 0.05
Zn	ppm	<= 0.01
Zr	ppm	<= 0.05

Filtered to 0.2 micron

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