

# Technical Specification

**PRODUCT : Ethanol absolute anhydrous RS RSE For electronic use**

**CODE : 414580**

**MOLECULAR WEIGHT :46,07**

**CAS N° : 64-17-5**

**FORMULA : C<sub>2</sub>H<sub>5</sub>OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Water miscibility	-	Conform
Readily carbonizable substances	-	Conform
Density at 20°C	-	0.790 - 0.793
Boiling point	°C	~ 78
Resistivity	MOhm.cm	>= 0.5
Assay (alcohometric) at 20°C	% (V/V)	>= 99.9
Water (K.F.)	%	<= 0.1
Residue on evaporation	ppm	<= 10
Acidity	ppm	<= 10
Alcalinity	ppm	<= 1
Methanol	ppm	<= 100
Chloride	ppm	<= 0.2
Carbonyl compounds (as CO)	ppm	<= 10
Total phosphorus	ppm	<= 0.1
Heavy metals (as Pb)	ppm	<= 0.2
Subs. reducing KMnO <sub>4</sub>	ppm	<= 2.5
Total sulphur	ppm	<= 1
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	<= 0.5
Cd	ppm	<= 0.01
Co	ppm	<= 0.01
Cr	ppm	<= 0.02
Cu	ppm	<= 0.02
Fe	ppm	<= 0.1
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	<= 0.5
Ni	ppm	<= 0.01
Pb	ppm	<= 0.02
Pt	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 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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Sb	ppm	<= 0.01
Si	ppm	<= 0.001
Sn	ppm	<= 0.02
Sr	ppm	<= 0.02
Ti	ppm	<= 0.05
Tl	ppm	<= 0.05
V	ppm	<= 0.05
Zn	ppm	<= 0.03
Zr	ppm	<= 0.05

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