

# Technical Specification

**PRODUCT : FORMIC ACID 99% RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP**

**CODE : 405790**

**MOLECULAR WEIGHT :46.03**

**CAS N° : 64-18-6**

**FORMULA : CH2O2**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Water miscibility	-	Conform
Density at 20°C	-	1.218 - 1.222
Refractive index at 20°C	-	1.3709 - 1.3719
Boiling point	°C	100.2 - 101.2
Residue on evaporation	ppm	<= 20
Acetic acid	ppm	<= 500
Ammonium	ppm	<= 10
Total nitrogen	ppm	<= 20
Chloride	ppm	<= 5
Heavy metals (as Pb)	ppm	<= 2
Sulfate	ppm	<= 5
Sulfite	ppm	<= 10
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
Ba	ppm	<= 0.05
Bi	ppm	<= 0.1
Ca	ppm	<= 0.2
Cd	ppm	<= 0.05
Co	ppm	<= 0.02
Cr	ppm	<= 0.05
Cu	ppm	<= 0.02
Fe	ppm	<= 2
K	ppm	<= 0.1
Li	ppm	<= 0.02
Mg	ppm	<= 0.5
Mn	ppm	<= 0.05
Mo	ppm	<= 0.02
Na	ppm	<= 0.5
Ni	ppm	<= 0.2
Pb	ppm	<= 0.02
Sr	ppm	<= 0.02
V	ppm	<= 0.05
Zn	ppm	<= 0.05
Assay (acidimetric)	%	>=98

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