

# Technical Specification

**PRODUCT : Nitric acid 69.5% RS - RSE - For electronic use**

**CODE : 408090**

**MOLECULAR WEIGHT :63,01**

**CAS N° : 7697-37-2**

**FORMULA : HNO3**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density d20/4	-	1.408 - 1.418
Assay (acidimetric)	%	69.1 - 69.9
Chloride	ppm	<= 0.05
Phosphate	ppm	<= 0.1
Heavy metals (as Pb)	ppm	<= 0.05
Residue on ignition	ppm	<= 2
Sulfate	ppm	<= 0.5
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
As	ppm	<= 0.005
Au	ppm	<= 0.05
B	ppm	<= 0.01
Ba	ppm	<= 0.05
Be	ppm	<= 0.02
Bi	ppm	<= 0.02
Ca	ppm	<= 0.1
Cd	ppm	<= 0.005
Co	ppm	<= 0.01
Cr	ppm	<= 0.01
Cu	ppm	<= 0.005
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	<= 0.3
Ni	ppm	<= 0.01
Pb	ppm	<= 0.02
Pt	ppm	<= 0.02
Sb	ppm	<= 0.01
Si	ppm	<= 0.1
Sn	ppm	<= 0.02
Sr	ppm	<= 0.02
Ta	ppm	<= 0.1
Ti	ppm	<= 0.01
Tl	ppm	<= 0.02
V	ppm	<= 0.01
Zn	ppm	<= 0.05
Zr	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