

# Technical Specification

**PRODUCT : NITRIC ACID 69.5% RPE - For analysis - ISO - ACS - Reag.Ph.Eur. - Reag.USP**

**CODE : 524530**

**MOLECULAR WEIGHT :63,01**

**CAS N° : 7697-37-2**

**FORMULA : HNO3**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density d20/4	-	1.408 - 1.416
Assay (acidimetric)	%	69.1 - 69.9
Chloride	ppm	<= 0.1
Phosphate	ppm	<= 0.5
Heavy metals (as Pb)	ppm	<= 0.2
Nitrite	ppm	<= 35
Residue on ignition	ppm	<= 4
Silicate	ppm	<= 1
Sulfate	ppm	<= 0.5
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
As	ppm	<= 0.005
Ba	ppm	<= 0.10
Be	ppm	<= 0.02
Bi	ppm	<= 0.10
Ca	ppm	<= 5
Cd	ppm	<= 0.005
Co	ppm	<= 0.01
Cr	ppm	<= 0.10
Cu	ppm	<= 0.01
Fe	ppm	<= 0.20
K	ppm	<= 0.10
Li	ppm	<= 0.02
Mg	ppm	<= 0.10
Mn	ppm	<= 0.01
Mo	ppm	<= 0.05
Na	ppm	<= 0.50
Ni	ppm	<= 0.05
Pb	ppm	<= 0.02
Sr	ppm	<= 0.02
Ti	ppm	<= 0.10
Tl	ppm	<= 0.05
V	ppm	<= 0.05
Zn	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