

# Technical Specification

**PRODUCT : Nitric acid 67.5% (42Be) RPE - For analysis**

**CODE : 528530**

**MOLECULAR WEIGHT :63,01**

**CAS N° : 7697-37-2**

**FORMULA : HNO3**

TEST	U.M.	SPECIFICATION
Identification	-	Positive
Colour	APHA	<= 10
Density d20/4	-	1.39 - 1.42
Residue on ignition	ppm	<= 4
Silicate	ppm	<= 1
Chloride	ppm	<= 0.1
Sulfate	ppm	<= 0.5
Phosphate	ppm	<= 0.5
Heavy metals (as Pb)	ppm	<= 0.2
Ag	ppm	<= 0.02
Al	ppm	<= 0.05
As	ppm	<= 0.005
Ba	ppm	<= 0.1
Be	ppm	<= 0.02
Bi	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.005
Co	ppm	<= 0.01
Cr	ppm	<= 0.1
Cu	ppm	<= 0.01
Fe	ppm	<= 0.2
K	ppm	<= 0.05
Li	ppm	<= 0.02
Mg	ppm	<= 0.05
Mn	ppm	<= 0.02
Mo	ppm	<= 0.02
Na	ppm	<= 0.2
Ni	ppm	<= 0.02
Pb	ppm	<= 0.02
Ti	ppm	<= 0.01
Sr	ppm	<= 0.02
Tl	ppm	<= 0.02
V	ppm	<= 0.01
Zn	ppm	<= 0.05
Assay (acidimetric)	%	65.5 - 69.7

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