

# Technical Specification

**PRODUCT : Nitric acid 67-70% RS - Superpure - For trace analysis at ppb level**

**CODE : 408110**

TEST	U.M.	SPECIFICATION
Assay (HNO <sub>3</sub> )	% (w/w)	67 - 69
Colour	APHA	<= 10
Chloride	ppm	<= 0.2
Total phosphorus	ppm	<= 0.01
Total sulphur	ppm	<= 0.3
Ag	ppb	<= 0.1
Al	ppb	<= 1
As	ppb	<= 0.5
Au	ppb	<= 0.1
B	ppb	<= 1
Ba	ppb	<= 0.1
Be	ppb	<= 0.1
Bi	ppb	<= 0.1
Ca	ppb	<= 1
Cd	ppb	<= 0.5
Ce	ppb	<= 0.1
Co	ppb	<= 0.5
Cr	ppb	<= 1
Cs	ppb	<= 0.1
Cu	ppb	<= 0.5
Dy	ppb	<= 0.1
Er	ppb	<= 0.1
Eu	ppb	<= 0.1
Fe	ppb	<= 1
Ga	ppb	<= 0.1
Gd	ppb	<= 0.1
Ge	ppb	<= 0.1
Hg	ppb	<= 0.1
Hf	ppb	<= 0.1
Ho	ppb	<= 0.1
In	ppb	<= 0.1
K	ppb	<= 1
La	ppb	<= 0.1
Li	ppb	<= 0.1
Lu	ppb	<= 0.1
Mg	ppb	<= 1
Mn	ppb	<= 0.1
Mo	ppb	<= 0.1
Na	ppb	<= 1
Nb	ppb	<= 0.1
Nd	ppb	<= 0.1
Ni	ppb	<= 0.5
Pb	ppb	<= 0.1
Pd	ppb	<= 0.5
Pt	ppb	<= 0.5
Pr	ppb	<= 0.1
Rb	ppb	<= 0.1
Re	ppb	<= 0.1
Rh	ppb	<= 0.5

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

# Technical Specification

TEST	U.M.	SPECIFICATION
Ru	ppb	<= 0.5
Sb	ppb	<= 0.5
Sc	ppb	<= 0.1
Se	ppb	<= 1
Sm	ppb	<= 0.1
Sn	ppb	<= 0.5
Sr	ppb	<= 0.1
Ta	ppb	Information only
Tb	ppb	<= 0.1
Te	ppb	<= 0.1
Th	ppb	<= 0.1
Ti	ppb	<= 0.5
Tl	ppb	<= 0.1
Tm	ppb	<= 0.1
U	ppb	<= 0.1
V	ppb	<= 0.5
W	ppb	<= 0.1
Y	ppb	<= 0.1
Yb	ppb	<= 0.1
Zn	ppb	<= 0.5
Zr	ppb	<= 0.1

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