

Technical Specification

PRODUCT : Water RS Superpure For trace analysis at ppb level

CODE : 412150

MOLECULAR WEIGHT :18,02

CAS N° : 7732-18-5

FORMULA : H2O

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Identification	-	Positive
Colour	APHA	<= 5
Residue on evaporation	ppm	<= 1
Fluorescence (quinine)	ppt	<= 100
Resistivity	MOhm.cm	>= 18
Total Organic Carbon (TOC)	ppb	<= 20
Al	ppb	<= 50
Ca	ppb	<= 50
Fe	ppb	<= 50
Mg	ppb	<= 50
K	ppb	<= 50
Absorbance max. (at 254 nm)	-	0.002
UV Absorbance	-	-
at 200 nm	-	<= 0.01
at 254 nm	-	<= 0.005
at 300 nm	-	<= 0.005
at 400 nm	-	<= 0.005
LC Gradient (suitability test)	-	Conform

Column: 25 cm C18

Flow rate: 2 ml/min.

Conditions: 40 ml of water are passed through the column and eluted with a water/acetonitrile gradient at 5% per min.

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