

Technical Specification

PRODUCT : Water RS For UHPLC-MS

CODE : 412090

MOLECULAR WEIGHT :18,02

CAS N° : 7732-18-5

FORMULA : H2O

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 5
Identification (I.R.)	-	Positive
Conductivity	µS/cm	<= 0.09
Residue on evaporation	ppm	<= 0.4
Total Organic Carbon (TOC)	ppb	<= 10
Acidity	%	<= 0.0002
Alcalinity	%	<= 0.00005
UV Transmittance	-	-
at 200 nm	%	>= 95
at 230 nm	%	>= 99
Fluorescence	-	-
at 254 nm	ppb	<= 0.3
at 365 nm	ppb	<= 0.3
UHPLC gradient peak	-	-
at 210 nm	mAU	<= 2
at 254 nm	mAU	<= 0.5
Drift at 210 nm	mAU	<= 8
Drift at 254 nm	mAU	<= 3
Sensitive Impurities (reserpine)	ppb	<= 30
Metals content	-	-
Al	ppb	<= 20
Fe	ppb	<= 30
Ca	ppb	<= 50
Mg	ppb	<= 20
Na	ppb	<= 50
K	ppb	<= 50

Metals compounds: guaranteed only at batch release.

Filtered at 0.1 micron

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