

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 |
| 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.
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