

# Technical Datasheet

**Article no.: 2691**

**Acetonitrile UHPLC-MS superpure, PFAS grade (min. 99.99 %)**

For laboratory use.

Parameter	Value
Acidity	max. 0.001 meq/g
Alkalinity	max. 0.0002 meq/g
Aluminium (Al)	max. 20 ppb
Appearance	Clear colourless liquid
Assay (GC)	min. 99.99 %
Barium (Ba)	max. 10 ppb
Beryllium (Be)	max. 10 ppb
Bismuth (Bi)	max. 10 ppb
Cadmium (Cd)	max. 10 ppb
Calcium (Ca)	max. 25 ppb
Chromium (Cr)	max. 20 ppb
Cobalt (Co)	max. 10 ppb
Colour (APHA)	max. 10
Copper (Cu)	not detected
Fluorescence 254/450nm (as quinine)	max. 0.3 ppb
Fluorescence 365/450nm (as quinine)	max. 0.3 ppb
Iron (Fe)	max. 10 ppb
Lead (Pb)	max. 10 ppb
Lithium (Li)	max. 10 ppb
Magnesium (Mg)	max. 20 ppb
Manganese (Mn)	max. 10 ppb

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Parameter	Value
Molybdenum (Mo)	max. 10 ppb
Nickel (Ni)	max. 10 ppb
Oxidizing substances	complies
Per- and Polyfluoroalkyl substances (PFAS)	max. 0.5 ppb
Potassium (K)	max. 20 ppb
Residue after evaporation	max. 0.7 ppm
Silver (Ag)	max. 25 ppb
Sodium (Na)	max. 30 ppb
Strontium (Sr)	max. 10 ppb
Subs. reducing (as KMnO <sub>4</sub> )	complies
Tantalum (Ta)	max. 10 ppb
Thallium (Tl)	max. 10 ppb
Tin (Sn)	max. 10 ppb
UHPLC Gradient H.Peak at 205nm	max. 1.0 mAU
UHPLC Gradient H.Peak at 210 nm	max. 0.8 mAU
UHPLC Gradient H.Peak at 254nm	max. 0.1 mAU
UHPLC/MS ESI/APCI <sup>+</sup> (as Phenylbutazone)	max. 2 ppb
UHPLC/MS ESI/APCI <sup>-</sup> (as Phenylbutazone)	max. 3 ppb
UV-Absorption at 190 nm	max. 0.80 AU
UV-Absorption at 195 nm	max. 0.10 AU
UV-Absorption at 200 nm	max. 0.03 AU
UV-Absorption at 205 nm	max. 0.02 AU
UV-Absorption at 210 nm	max. 0.02 AU
UV-Absorption at 215 nm	max. 0.01 AU

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Parameter	Value
UV-Absorption at 220 nm	max. 0.008 AU
UV-Absorption at 225 nm	max. 0.007 AU
UV-Absorption at 230 nm	max. 0.005 AU
UV-Absorption at 240 nm	max. 0.003 AU
UV-Absorption from 240 nm – 400 nm	max. 0.002 AU
Water (KF)	max. 0.010 % (w/w)
Zinc (Zn)	max. 10 ppb

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