

Technical Datasheet

Article no.: 1486

Methanol UHPLC-MS superpur, PFAS grade (min. 99.98 %)

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. 99.98 %
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 (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
Per- and Polyfluoroalkyl substances (PFAS)	max. 0.5 ppb
Potassium (K)	max. 20 ppb
Reduzierende Substanzen (als KMnO ₄)	entspricht
Residue after evaporation	max. 0.7 ppm
Silver (Ag)	max. 25 ppb
Sodium (Na)	max. 30 ppb
Strontium (Sr)	max. 10 ppb
Tantalum (Ta)	max. 10 ppb
Thallium (Tl)	max. 10 ppb
Tin (Sn)	max. 10 ppb
UHPLC Gradient H.Peak at 220 nm	max. 0.20 mAU
UHPLC Gradient H.Peak at 230 nm	max. 0.10 mAU
UHPLC Gradient H.Peak at 254nm	max. 0.7 mAU
UHPLC Gradient H.Peak at 275 nm	max. 0.5 mAU
UHPLC/MS ESI/APCI ⁺ (as Phenylbutazone)	max. 3 ppb
UHPLC/MS ESI/APCI ⁻ (as Phenylbutazone)	max. 5 ppb
UV-Absorption at 210 nm	max. 0.40 AU
UV-Absorption at 215 nm	max. 0.30 AU
UV-Absorption at 220 nm	max. 0.20 AU
UV-Absorption at 230 nm	max. 0.10 AU
UV-Absorption at 254 nm	max. 0.010 AU
UV-Absorption at 280 nm	max. 0.004 AU

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Parameter	Value
UV-Absorptionat 260 nm	max. 0.005 AU
Water (KF)	max. 0.02 % (w/w)
Zinc (Zn)	max. 10 ppb

Version no. 1

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