

Technical Datasheet

Article No. 456

Water with 0.1 % formic acid for LC-MS
H2O

For laboratory use.

Parameter	Value
Appearance	clear, colourless liquid
Density (20 °C)	1.00 g/ml
Melting point	0 °C
Boiling point	100 °C
Colour (APHA)	max. 10
Acidity (as CHOOH)	0.095–0.105 %
HPLC gradient (peak) at 210 nm	max. 50 mAU
HPLC gradient (peak) at 254 nm	max. 10 mAU
UV-transmittance at 210 nm	min. 5.0 %
UV-transmittance at 230 nm	min. 45.0 %
UV-transmittance at 254 nm	min. 99.0 %
pH (20 °C)	2.6–2.8
Sensitive impurities (reserpine)	max. 50 ppb
Aluminium (Al)	max. 20 ppb
Iron (Fe)	max. 30ppb
Calcium (Ca)	max. 50 ppb
Magnesium (Mg)	max. 20 ppb
Sodium (Na)	max. 100 ppb
Potassium (K)	max. 50 ppb