

Technical Datasheet

Article No. 2645

Acetonitrile LC-MS + 0.1 % Formic acid
min. 99.5 % CH₃CN

For Laboratory use.

Parameter	Value
Appearance	clear, colourless liquid
Boiling Point	80 – 82.5 °C
Molar Mass	41.05 g/mol
Colour (APHA)	max. 10
Acidity (CHOOH)	0.095 - 0.105 %
HPLC gradient (peak) at 254 nm	max. 50 mAU
UV Transmission at 210 nm	min. 5.0 %
UV Transmission at 230 nm	min. 15.0 %
UV Transmission at 254 nm	min. 90.0 %
Assay (CPG)	min. 99.5 %
Sensitive Impurities	max. 50 ppb
Aluminium (Al)	max. 0.5 ppm
Iron (Fe)	max. 0.5 ppm
Calcium (Ca)	max. 0.5 ppm
Magnesium (Mg)	max. 0.5 ppm
Sodium (Na)	max. 2 ppm
Potassium (K)	max. 0.5 ppm