



Acetonitrile
BAKER ANALYZED HPLC ULTRA
Gradient Solvent

Product No. 9017
 Specifications current as of:
 Jun 8 2011

TEST	SPECIFICATION
Ultraviolet Absorbance (1.00-cm cell vs. water):	
400-254 nm	max. 0.005
220 nm	max. 0.01
200 nm	max. 0.05
UV Cut-off, nm	max. 190
Gradient Elution Test (a.u.):	
254 nm	max. 0.0005
210 nm	max. 0.002
Density (g/mL) at 25°C	0.775 - 0.780
Fluorescence Trace Impurities, in ppb, measured as Quinine Base:	
at 450 nm Emission	max. 0.3
at Emission Maximum for Impurities	max. 1.0
Assay (CH ₃ CN) (by GC, corrected for water)	min. 99.9 %
Appearance	Passes Test
Color (APHA)	max. 10
Fluorescence detection (PAH)	max. 0.5 ppb
Residue after Evaporation	max. 1 ppm
Titration Acid (µeq/g)	max. 0.8
Titration Base (µeq/g)	max. 0.6
Water (by KF, coulometric)	max. 100 ppm
Carbonyl Compounds (as Acetone)	max. 25 ppb
For Laboratory, Research or Manufacturing Use	
Filtered through a 0.2 micron filter.	