

Acetonitrile, HPLC Gradient

CH ₃ CN	FW. 41.05	Density 1 L = 0.786 Kg.
CAS-No.	75-05-8	Melting Point - 45.7 °C
Code	LC1552	Boiling Point 81.6 °C

Specifications

Assay (by GC.)	99.9%	min.
Appearance	Clear and colorless liquid	
Identity (IR)	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	0.01%	max.
Acidity (mEq./g.)	0.0005	max.
Alkalinity (mEq./g.)	0.0002	max.
Residue on Evaporation	0.0001%	max.
UV Absorbance		
254 nm	0.01	AU max.
220 nm	0.02	AU max.
210 nm	0.04	AU max.
205 nm	0.05	AU max.
200 nm	0.07	AU max.
195 nm	0.15	AU max.
190 nm	1.00	AU max.
Gradient Specification		
at 210 nm	2.0	mAU max.
at 254 nm	0.5	mAU max.
Fluorescence (as quinine)		
at 254 nm	0.5	ppb max.
at 365 nm	0.5	ppb max.

Product passed through 0.2 micron final filter.