

SPECIFICATION

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Product Code 11255-3080
Commodity Acetonitrile
Grade For HPLC
Q'ty 1L

[Test Item]	[Standard]	CASNo.75-05-8
ASSAY (GC)	min. 99.8 %	
Density (20 °C)	0.780 ~ 0.783 g/ml	
Refractive index n_D^{20}	1.343 ~ 1.346	
Water	max. 0.05 %	
Non-volatile matter	max. 0.001 %	
Acid (as CH ₃ COOH)	max. 0.001 %	
Peroxide	max. 0.001 %	
Hydrogen cyanide	max. 5 ppm	
Allyl alcohol	max. 0.01 %	
Ammonia	max. 0.3 ppm	
Substances reducing KMnO ₄	To pass test	
Absorbance E 1cm		
(at 200nm)	max. 0.05	
(at 220nm)	max. 0.02	
(at 225 ~ 400nm)	max. 0.01	
Suitability for gradient test		
(at 210nm)	max. 0.02	
(at 254nm)	max. 0.004	

