

# SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.  
QUALITY ASSURANCE SECTION  
1-6, Ohmano-cho, Koshigaya-shi,  
Saitama, 343-0844, Japan  
TEL: +81-48-986-6161  
FAX: +81-48-989-2787

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 <sub>3</sub> 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 <sub>4</sub>	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	