



Acetonitrile

Synonyms:

Methyl cyanide, ACN, Cyanomethane

CH ₃ CN	Classification	Danger
Molecular weight	41.05 ONU	1648  
CAS	75-05-8 Transport hazard class:	3
EEC-N:	200-835-2 Packing	II

Acetonitrile

> RS - For HPLC - Isocratic Grade

Special Grade

Description	Clear colourless liquid	-
Identification	Positive	-
Density at 20°C	0.781 - 0.785	-
Refractive index at 20°C	1.3420 - 1.3440	-
Boiling point	81.1 - 82.1	°C
Acidity or alkalinity	<= 0.0008	meq/g
Water (K.F.)	<= 200	ppm



Acetonitrile		> RS - For HPLC - Isocratic Grade	Special Grade
Residue on evaporation	<= 2	ppm	
Assay (GC)	>= 99.9	%	
UV Transmittance	-	-	
at 197 nm	>= 82	%	
at 200 nm	>= 85	%	
at 205 nm	>= 89	%	
at 210 nm	>= 92	%	
at 220 nm	>= 94	%	
at 230 nm	>= 98	%	
at 240 nm	>= 99	%	
Fluorescence (quinine)	-	-	
at 254 nm	<= 1	ppb	

ID	Size	Packaging
000000000412411000	1 l	Glass bottle
000000000412412000	2.5 l	Glass bottle
000000000000412481	200 l	Drum
412493EXP	200 l	Metal drum
000000000412413000	4 l	Glass bottle