



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 PLUS Gradient grade - ACS -
Reag.Ph.Eur. - Reag.USP

Special Grade

at 210 nm	<= 2	mAU
at 254 nm	<= 0.8	mAU
Description	Clear colourless liquid	-
Colour	<= 10	APHA
Identification	Positive	-
Density at 20°C	0.781 - 0.785	-
Refractive index at 20°C	1.3420 - 1.3443	-



Acetonitrile**> RS - For HPLC PLUS Gradient grade - ACS -
Reag.Ph.Eur. - Reag.USP****Special Grade**

Distillation range 95% distils between	80 - 82	?C
Titration acid	<= 0.0008	meq/g
Titration base	<= 0.0002	meq/g
Residue on evaporation	<= 0.0002	%
Water (K.F.)	<= 0.01	%
Litmus paper test	Conform	-
Assay (GC)	>= 99.9	%
Fluorescence	-	-
at 254 nm	<=1	ppb
at 365 nm	<= 0.5	ppb
at 450 nm	<= 0.5	ppb
UV Transmittance	-	-
at 195 nm	>= 79	%
at 200 nm	>= 90	%
at 210 nm	>=95	%
at 220 nm	>=98	%
from 240 nm to 420 nm	>= 98	%
UV Absorbance	-	-
at 190 nm	<= 1.00	AU
at 200 nm	<= 0.05	AU



Acetonitrile		> RS - For HPLC PLUS Gradient grade - ACS - Reag.Ph.Eur. - Reag.USP	Special Grade
at 220 nm	<= 0.05	AU	
at 254 nm	<= 0.01	AU	
from 240 nm to 420 nm	<= 0.01	AU	
UV Absorbance ACS	Pass test	-	
Gradient elution ACS	pass test	-	
HPLC Gradient	-	-	

ID	Size	Packaging
000000000000412393	1 l	Glass bottle PVC coated
000000000412391000	1 l	Glass bottle
000000000000412395	5 l	Aluminium can
000000000412392000	2.5 l	Glass bottle



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