



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 LC/MS

Special Grade

Na	<= 50	ppb
Ca	<= 50	ppb
Mg	<= 50	ppb
K	<= 50	ppb
Description	Clear colourless liquid	-
Colour	<= 10	APHA
Identification (I.R.)	Positive	-



Refractive index at 20°C	1.342 - 1.346	-
Water (K.F.)	<= 100	ppm
Residue on evaporation	<= 2	ppm
Acidity	<= 0.0005	meq/g
Alcalinity	<= 0.0002	meq/g
Assay (GC)	>= 99.95	%
UV Transmittance	-	-
at 195 nm	>= 80	%
at 200 nm	>= 95	%
at 220 nm	>= 98	%
from 230 nm	>= 99	%
Fluorescence (quinine)	-	-
at 254 nm	<= 1	ppb
at 365 nm	<= 0.5	ppb
HPLC Gradient	-	-
at 210 nm	<= 1	mAU
at 254 nm	<= 0.2	mAU
Test LC-MS TIC (50-2000m/z) ESI (+)	-	-
Sensitive Impurities (reserpine)	<= 50	ppb
Metals compounds	-	-

Al	<= 50	ppb
Fe	<= 50	ppb

ID	Size	Packaging
0000000000000412341	1 l	Glass bottle
0000000000000412342	2.5 l	Glass bottle



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