



Acetonitrile

Synonyms:

Metil cianuro, ACN, Cianometano

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

> LAB - HPLC High Gradient - ACS -
Reag.Ph.Eur. - Reag.USP

Grado Specifico/LAB

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	-
Distillation range 95% distils between	80 - 82	°C
Titration acid	<= 0.0008	meq/g



Acetonitrile

> LAB - HPLC High Gradient - ACS -
Reag.Ph.Eur. - Reag.USP

Grado Specifico/LAB

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	>=97	%
from 240 nm to 420 nm	>= 98	%
UV Absorbance	-	-
at 190 nm	<= 1.00	AU
at 200 nm	<= 0.05	AU
at 220 nm	<= 0.05	AU
at 254 nm	<= 0.01	AU



Acetonitrile**> LAB - HPLC High Gradient - ACS -
Reag.Ph.Eur. - Reag.USP****Grado Specifico/LAB**

from 240 nm to 420 nm	<= 0.01	AU
UV Absorbance ACS	Pass test	-
Gradient elution ACS	pass test	-
HPLC Gradient	-	-
at 210 nm	<= 2	mAU
at 254 nm	<= 0.8	mAU

ID	Size	Packaging
000000000000412393	1 l	Bottiglia di vetro rivestita di PVC
412393X6	6 x 1 L	Bottiglia di vetro rivestita di PVC
000000000000412394	4 l	Bottiglia in vetro
000000000000412395	5 l	Tanica di alluminio
0000000000412391000	1 l	Bottiglia di vetro
412391000X6	6 x 1 L	Bottiglia di vetro
0000000000412392000	2.5 l	Bottiglia di vetro
412392000X4	4 x 2,5 L	Bottiglia di vetro



CARLO ERBA Reagents S.r.l.
VIA R. MERENDI, 22
20007 CORNAREDO (MI)
TEL. +39 02 93 99 190
FAX +39 02 93 991 001
www.carloerbareagents.com



*CARLO ERBA Reagents
operates with a Certified
Quality Management
System*