DASITGROUP | CARLO ERBA REAGENTS

ISO 9001: 2015

Carlo Erba Reagents S.A.S.
Parc d'Affaires des Portes
Chaussée du Vexin - BP 616
27106 Val de Reuil Cedex
Tél. : 02.32.09.20.00
Fax : 02.32.09.20.20

Z.I DE VALDONNE - BP 4
13124 PEYPIN
Tél.: 04.42.32.41.41
Fax : 04.42.72.41.62

Carlo Erba Reagents S.r.l.
Via R. Merendi, 22
20010 Cornaredo (Mi)
Tel. : 02 93 991 90
Fax : 02 93 991 001

Technical Specification

PRODUCT : Acetonitrile LAB - HPLC High Gradient - ACS - Reag.Eur.Ph. - Reag.USP

CODE : 412390000

MOLECULAR WEIGHT : 41.05

CAS N° : 75-05-8

FORMULA : CH3CN

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Density at 20°C	-	0.781 - 0.785
Refractive index at 20°C	-	1.3420 - 1.3443
Boiling point	°C	80.5 - 82.5
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.0002
Water (K.F.)	%	<= 0.1
Residue on evaporation	ppm	<= 2
Assay (GC)	%	>= 99.9
UV cut off	nm	<= 190
UV Transmittance	-	-
at 195 nm	%	>= 80
at 200 nm	%	>= 90
at 210 nm	%	>=95
at 220 nm	%	>=98
at 230 nm	%	>= 99
UV Absorbance	-	-
at 190 nm	AU	<= 1.00
at 254 nm	AU	<= 0.005
Fluorescence (quinine)	-	-
at 254 nm	ppb	<=1
at 365 nm	ppb	<= 0.5
at 450 nm	ppb	<= 0.5
HPLC Gradient	-	-
at 210 nm	mAU	<= 2
at 254 nm	mAU	<= 0.5
Drift at 210 nm	mAU	<= 10
UV Absorbance ACS	-	Pass test
Gradient elution ACS	-	pass test

Filtered at 0.2 micron

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Technical Specification

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application. CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Date: 20/08/2026

Approved electronically, valid without a signature

QUALITY LABORATORY
TECHNICIAN
MAXIME DAMBRE

VAL DE REUIL