

Technical Specification

PRODUCT : ACETONITRILE RS - SPECTROSOL - For optical spectroscopy - Reag.Ph.Eur.

CODE : 401210

MOLECULAR WEIGHT :41.05

CAS N° : 75-05-8

FORMULA : CH₃CN

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification	-	Positive
Density at 20°C	-	0.781 - 0.785
Refractive index at 20°C	-	1.3410 - 1.3450
Distillation range 95% distils betw een	°C	80 - 82
Litmus paper test	-	Conform
Acidity or alkalinity	meq/g	<=0.0008
Water (K.F.)	ppm	<= 300
Residue on evaporation	ppm	<= 5
Fluorescence (quinine)	-	-
at 254 nm	ppb	<=1
UV Transmittance	-	-
at 200 nm	%	>=90
at 210 nm	%	>=94
at 220 nm	%	>=96
at 230 nm	%	>=98
UV Absorbance	-	-
from 255 to 420nm	AU	<= 0.01
Assay (GC)	%	>= 99.9

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 in