

# Technical Specification

**PRODUCT : ACETONITRILE RS - For HPLC - Isocratic Grade**

**CODE : 412410000**

**MOLECULAR WEIGHT :41.05**

**CAS N° : 75-05-8**

**FORMULA : CH<sub>3</sub>CN**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density at 20°C	-	0.781 - 0.785
Refractive index at 20°C	-	1.3420 - 1.3440
Boiling point	°C	81.1 - 82.1
Acidity or alcalinity	meq/g	<= 0.0008
Water (K.F.)	ppm	<= 200
Residue on evaporation	ppm	<= 2
Assay (GC)	%	>= 99.9
UV Transmittance	-	-
at 197 nm	%	>= 82
at 200 nm	%	>= 85
at 205 nm	%	>= 89
at 210 nm	%	>= 92
at 220 nm	%	>= 94
at 230 nm	%	>= 98
at 240 nm	%	>= 99
Fluorescence (quinine)	-	-
at 254 nm	ppb	<= 1

Filtered at 0.2 micron

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