

# Technical Specification

**PRODUCT : ACETONITRILE RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP**

**CODE : 401180000**

**MOLECULAR WEIGHT :41.05**

**CAS N° : 75-05-8**

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

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
Acidity	µeq/g	<=8
Alcalinity	µeq/g	<=0.6
Litmus paper test	-	Conform
Water (K.F.)	ppm	<= 500
Residue on evaporation	ppm	<= 10
Ca	ppm	<= 0.2
Cu	ppm	<= 0.05
Fe	ppm	<= 0.2
K	ppm	<= 0.05
Mg	ppm	<= 0.05
Na	ppm	<= 1
Pb	ppm	<= 0.05
Zn	ppm	<= 0.5
Assay (GC)	%	>= 99.8

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