

# Technical Specification

**PRODUCT : Dichloromethane RS SPECTROSOL For optical spectroscopy Stabilized with amylene**

**CODE : 442370**

**MOLECULAR WEIGHT :84,93**

**CAS N° : 75-09-2**

**FORMULA : CH<sub>2</sub>Cl<sub>2</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<=10
Identification (I.R.)	-	Positive
Refractive index at 20°C	-	1.4214 - 1.4274
Boiling point	°C	39.6 - 40.1
Density d <sub>20</sub> /4	-	1.322 - 1.328
Water (K.F.)	ppm	<=100
Residue on evaporation	ppm	<=5
Acidity	meq/g	<=0.0005
Assay (GC)	%	>=99.9
Fluorescence	-	-
at 254 nm	ppb	<=2
at 365 nm	ppb	<=2
UV Transmittance	-	-
at 235 nm	%	>=35
at 240 nm	%	>=70
at 245 nm	%	>=90
at 250 nm	%	>=95
at 260 nm	%	>=99
Amylene	ppm	20 - 60
Alcalinity	meq/g	<= 0.0002

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