

# Technical Specification

**PRODUCT : Methanol RS SPECTROSOL For optical spectroscopy**

**CODE : 414900**

**MOLECULAR WEIGHT :32,04**

**CAS N° : 67-56-1**

**FORMULA : CH3OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<=10
Identification (I.R.)	-	Positive
Density at 20°C	-	0.791 - 0.793
Refractive index at 20°C	-	1.3280 - 1.3296
Boiling point	°C	64.1 - 65.1
Water (K.F.)	ppm	<=300
Residue on evaporation	ppm	<=5
Acidity	meq/g	<=0.0005
Alcalinity	meq/g	<=0.0002
Assay (GC)	%	>=99.9
Fluorescence	-	-
at 254 nm	ppb	<=2
at 365 nm	ppb	<=2
UV Transmittance	-	-
at 205 nm	%	>=10
at 220 nm	%	>=50
at 230 nm	%	>=75
at 240 nm	%	>=90
at 260 nm	%	>=98
Nessler test	-	Conform
Ethanol	ppm	<= 200
Carbonyl compounds (as CO)	ppm	<= 20

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