

# Technical Specification

**PRODUCT : Methanol RPE For analysis ACS Reag. Ph.Eur. - Reag. USP**
**CODE : 414810**
**MOLECULAR WEIGHT :32,04**
**CAS N° : 67-56-1**
**FORMULA : CH3OH**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 5
Identification (I.R.)	-	Positive
Water miscibility	-	Conform
Readily carbonizable substances	-	Conform
Density at 20°C	-	0.7910 - 0.7930
Refractive index at 20°C	-	1.3280 - 1.3296
Distillation range	°C	0.0 - 1.0
Water (K.F.)	ppm	<= 500
Residue after evaporation	ppm	<= 8
UV Absorbance (5cm, ref. w ater)	-	Smooth
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.00006
Ethanol	ppm	<= 50
Chloride	ppm	<= 0.5
Carbonyl compounds (as CO)	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 0.5
Subs. reducing KMnO4	ppm	<= 2
Al	ppm	<= 0.5
B	ppm	<= 0.02
Ba	ppm	<= 0.1
Ca	ppm	<= 0.5
Cd	ppm	<= 0.05
Co	ppm	<= 0.01
Cr	ppm	<= 0.02
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
Mg	ppm	<= 0.1
Mn	ppm	<= 0.01
Ni	ppm	<= 0.01
Pb	ppm	<= 0.01
Sn	ppm	<= 0.1
Assay (GC)	%	>= 99.9
Nessler test	-	Conform

Conform IMPCA (International Methanol Producers &amp; Consumers Association)

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