

# Technical Specification

**PRODUCT : Chloroform RS SPECTROSOL For optical spectroscopy Stabilized with ethanol**

**CODE : 438660**

**MOLECULAR WEIGHT :119,38**

**CAS N° : 67-66-3**

**FORMULA : CHCl<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Density at 20°C	-	1.479 - 1.483
Refractive index at 20°C	-	1.4440 - 1.4460
Boiling point	°C	61.0 - 61.5
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 5
Acidity (HCl)	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 245 nm	%	>= 15
at 250 nm	%	>= 50
at 260 nm	%	>= 90
at 275 nm	%	>= 98
Ethanol	%	0.6 - 1.0
Carbon tetrachloride	ppm	<= 100

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