



Carlo Erba Reagents S.A.S.
 Parc d'Affaires des Portes
 Chaussée du Vexin - BP 616
 27106 Val de Reuil Cedex
 Tél. : 02.32.09.20.00
 Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4
 13124 PEYPIN
 Tél. : 04.42.32.41.41
 Fax 04.42.72.41.62

Carlo Erba Reagents S.r.l.
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 20010 Cornaredo (Mi)
 Tel. 02 93 991 90 Fax 02 93 991 001

ISO 9001: 2015

Technical Specification

PRODUCT : TETRACHLOROETHYLENE SPECTROSOL, for spectroscopy

CODE : P06827

MOLECULAR WEIGHT :165,83

CAS N° : 127-18-4

FORMULA : C2Cl4

TEST	U.M.	SPECIFICATION
Clear, colourless liq. appearance	-	Conform
Identification	-	Conform
Density d20/4	-	1.618 - 1.628
Refractive index at 20°C	-	1.5014 - 1.5074
Boiling point	°C	120.3 - 121.8
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 10
Free acid	meq/g	<= 0.0003
Free alkali	meq/g	<= 0.00006
Assay (GC)	%	>= 99.9
Fluorescence (quinine)	-	-
at 365 nm	ppb	<= 2
UV Transmittance	-	-
at 300 nm	%	>= 75
at 310 nm	%	>= 83
at 320 nm	%	>= 88
at 340 nm	%	>= 88
at 360 nm	%	>= 88
at 400 nm	%	>= 97

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

Date : 07/10/2025

QUALITY CONTROL RESPONSIBLE

J. RICHARD (VDR)