



# Tetrachloroethylene

Synonyms:

Perchloroethylene

| C2Cl4            | Classification                   | Danger                                                                                                                                                                     |
|------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight | 165.83 ONU                       | 1897   |
| CAS              | 127-18-4 Transport hazard class: | 6.1                                                                                       |
| EEC-N:           | 204-825-9 Packing                | III                                                                                                                                                                        |

Tetrachloroethylene

> RS - SPECTROSOL - For optical spectroscopy

Special Grade

|                                   |                 |     |
|-----------------------------------|-----------------|-----|
| Clear, colourless liq. appearance | Conform         | -   |
| Identification                    | Conform         | -   |
| Refractive index at 20°C          | 1.5014 - 1.5074 | -   |
| Density d20/4                     | 1.618 - 1.628   | -   |
| Boiling point                     | 120.3 - 121.8   | °C  |
| Water (K.F.)                      | <= 100          | ppm |



|                        |            |       |
|------------------------|------------|-------|
| Residue on evaporation | <= 10      | ppm   |
| Assay (GC)             | >= 99.9    | %     |
| Free acid              | <= 0.0003  | meq/g |
| Free alkali            | <= 0.00006 | meq/g |
| Fluorescence (quinine) | -          | -     |
| at 365 nm              | <= 2       | ppb   |
| 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      | %     |

| ID       | Size  | Packaging    |
|----------|-------|--------------|
| P0682716 | 1 l   | Glass bottle |
| P0682721 | 2.5 l | Glass bottle |



CARLO ERBA Reagents S.A.S.  
Chaussée du Vexin – 27106 Val  
de Reuil cedex  
N° TVA: FR 63391048824  
Tél : +33 (0)2 32 09 20 00  
[www.carloerbareagents.com](http://www.carloerbareagents.com)



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