



# Toluene

Synonyms:

**C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>****Classification****Danger**

Molecular weight

**92.14** ONU**1294**

CAS

**108-88-3** Transport hazard  
class:**3**

EEC-N:

**203-625-9** Packing**II****Toluene**> RPE - Per analisi - ISO - ACS - Reag. Ph.Eur.  
- Reag. USP**Grado Analitico**

|                           |                         |      |
|---------------------------|-------------------------|------|
| Description               | Clear colourless liquid | -    |
| Colour                    | <= 10                   | APHA |
| Identification (I.R.)     | Conform                 | -    |
| Density d <sub>20/4</sub> | 0.865 - 0.869           | -    |
| Refractive index at 20°C  | 1.4931 - 1.4991         | -    |
| Boiling point             | 110.1 - 111.1           | °C   |
| Acidity (benzoic acid)    | <= 14                   | ppm  |



**Toluene**

> RPE - Per analisi - ISO - ACS - Reag. Ph.Eur.  
- Reag. USP

**Grado Analitico**

|                                 |         |     |
|---------------------------------|---------|-----|
| Alcalinity (NH <sub>3</sub> )   | <= 2    | ppm |
| Water (K.F.)                    | <= 150  | ppm |
| Residue on evaporation          | <= 10   | ppm |
| Readily carbonizable substances | Conform | -   |
| Benzene                         | <= 200  | ppm |
| Thiophene                       | <= 1    | ppm |
| Total sulphur (S)               | <= 3    | ppm |
| Assay (GC)                      | >= 99.8 | %   |
| Al                              | <= 0.5  | ppm |
| B                               | <= 0.01 | ppm |
| Ba                              | <= 0.1  | ppm |
| Ca                              | <= 0.5  | ppm |
| Cd                              | <= 0.01 | ppm |
| Co                              | <= 0.01 | ppm |
| Cr                              | <= 0.01 | ppm |
| Cu                              | <= 0.01 | ppm |
| Fe                              | <= 0.05 | ppm |
| Mg                              | <= 0.1  | ppm |
| Mn                              | <= 0.01 | ppm |
| Ni                              | <= 0.01 | ppm |



| Toluene |         | > RPE - Per analisi - ISO - ACS - Reag. Ph.Eur.<br>- Reag. USP | Grado Analitico |
|---------|---------|----------------------------------------------------------------|-----------------|
| Pb      | <= 0.01 |                                                                | ppm             |
| Sn      | <= 0.1  |                                                                | ppm             |
| Zn      | <= 0.01 |                                                                | ppm             |

| ID                 | Size      | Packaging           |
|--------------------|-----------|---------------------|
| 000000000000488551 | 1 l       | Bottiglia di vetro  |
| 488551X6           | 6 x 1 L   | Bottiglia di vetro  |
| 000000000000488552 | 5 l       | Tanica di alluminio |
| 000000000000488555 | 2.5 l     | Bottiglia di vetro  |
| 488555X4           | 4 x 2,5 L | Bottiglia di vetro  |
| 000000000000488556 | 170 kg    | Fusto di metallo    |
| 000000000000488557 | 24 kg     | Fusto di metallo    |



**CARLO ERBA Reagents S.r.l.**  
 VIA R. MERENDI, 22  
 20007 CORNAREDO (MI)  
 TEL. +39 02 93 99 190  
 FAX +39 02 93 991 001  
[www.carloerbareagents.com](http://www.carloerbareagents.com)



*CARLO ERBA Reagents  
 operates with a Certified  
 Quality Management  
 System*

