

**Product name:**

**Xylene (mixture of isomers)**

**Grade**

**Laboratory**

**Cas-N:** 1330-20-7

**Synonyms:** Dimethylbenzene; xylol, methyl toluene; Xylene mixture of isomers

**Chemical formula:**  $C_6H_4(CH_3)_2$

**General information**

|                      |                               |                                 |              |
|----------------------|-------------------------------|---------------------------------|--------------|
| <b>Ec-No</b>         | 215-535-7                     | <b>Molar mass</b>               | 106.17 g/mol |
| <b>Appearance</b>    | Clear colorless liquid        | <b>Vapor pressure</b>           | 10 hpa(20°C) |
| <b>Boiling point</b> | 137-143°C                     | <b>Solub. In H<sub>2</sub>O</b> | Insoluble    |
| <b>Melting point</b> | > -34°C                       | <b>Storage temp</b>             | 15-30 °C     |
| <b>Flash point</b>   | 25°C                          | <b>R:</b>                       | 10-20/21-38  |
| <b>Spec.density</b>  | 0.86 g/cm <sup>3</sup> (20°C) | <b>S:</b>                       | 25           |

**Specification**

|                     |                               |
|---------------------|-------------------------------|
| Assay (GC)          | ≥ 99.5 %                      |
| Identity(IR)        | conforms                      |
| Appearance          | conforms                      |
| Evaporation residue | ≤ 0.01%                       |
| Acidity             | ≤ 0.5ml NaOH 0.1 N            |
| Water               | ≤ 0.05%                       |
| Boiling range       | ≥ 95 % (137-142°C)            |
| Density             | 0.860-0.866 g/cm <sup>3</sup> |

**Hazard Symbol**



| Available Pack | 1 L | 2.5 L | 5 L | 10 L | 20 L |
|----------------|-----|-------|-----|------|------|
| Glass          | *   | *     |     |      |      |
| P.E            | *   | *     | *   | *    | *    |

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