2,2,4-Trimethylpentane ≥99.5%, HiPerSolv CHROMANORM® for HPLC

[](https://sg.vwr.com/stibo/low_res/std.lang.all/63/16/21806316.jpg)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | | Flammable Warning | Health Warning | Irritant Warning | Environment Warning | | Danger |
|  |

**Synonym:**  iso-Octane  
  
Filtered through a 0.2 µm filter, packaged under nitrogen.

|  |  |
| --- | --- |
| **Formula:** (CH₃)₂CHCH₂C(CH₃)₃ **MW:** 114.23 g/mol **Boiling Pt:** 99,2 °C (1013 hPa) **Melting Pt:** –107 °C **Density:** 0.692 g/cm³ (20 °C) **Flash Pt:** –12 °C | **CAS Number:** 540-84-1 **UN:** 1262  DG**:** 3,Packing group II (moderate risk) |

|  |  |
| --- | --- |
|  |  |

#### **Specification Test Results**

|  |  |
| --- | --- |
| Assay (GC) | Min. 99.50 % |
| Water | Max. 0.01 % |
| Non-volatile residue | Max. 0.0005 % |
| Acidity | Max. 0.0005 meq/g |
| Alkalinity | Max. 0.0002 meq/g |
| Transmittance (220 nm) | Min. 70.0 % |
| Transmittance (235 nm) | Min. 80.0 % |
| Transmittance (255 nm) | Min. 98.0 % |
| Conforms to BDH 15246 | Passes test |