



# Isooctane

Synonyms:

2,2,4-Trimethylpentane

(CH<sub>3</sub>)<sub>3</sub>CCCH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>

Classification

Danger

Molecular weight **114.23** ONU

1262



CAS **540-84-1** Transport hazard class:

3

EEC-N: **208-759-1** Packing

II

Isooctane

> RS - For HPLC - Isocratic Grade

Special Grade

|                           |                         |     |
|---------------------------|-------------------------|-----|
| Description               | Clear colourless liquid | -   |
| Identification            | Positive                | -   |
| Density d <sub>20/4</sub> | 0.687 - 0.697           | -   |
| Refractive index at 20°C  | 1.3885 - 1.3945         | -   |
| Boiling point             | 98.2 - 100.2            | °C  |
| Water (K.F.)              | <= 50                   | ppm |



|                        |           |       |
|------------------------|-----------|-------|
| Residue on evaporation | <= 2      | ppm   |
| Acidity or alcalinity  | <= 0.0002 | meq/g |
| Assay (GC)             | >= 99.5   | %     |
| UV Transmittance       | -         | -     |
| at 205 nm              | >= 10     | %     |
| at 215 nm              | >= 60     | %     |
| at 220 nm              | >= 80     | %     |
| at 230 nm              | >= 90     | %     |
| at 240 nm              | >= 95     | %     |
| at 260 nm              | >= 99     | %     |
| Aromatic compounds     | <= 5      | ppm   |

| ID                 | Size  | Packaging    |
|--------------------|-------|--------------|
| 000000000412441000 | 1 l   | Glass bottle |
| 000000000412442000 | 2.5 l | Glass bottle |



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