



# GTI LABORATORIES SUPPLIES

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## FOR RESEARCH & DEVELOPMENT

*Laboratory Chemicals for Research and Development*

Not for direct use in food, cosmetics and or pharmaceuticals.

### Certificate of Analysis

#### 2,2,4-Trimethylpentane

Catalog: CH540841-30GM/43.20ML

Purity: 99.9%

Grade: Certified® HPLC

CAS: 540-84-1

Lot: AA01182020.1407

#### TEST

Appearance

Assay

Boiling point

Color

Density

Flash point

Formula

GC-ECD responsive residue

Identification

Melting point

Molecular weight

Optical absorbance

Purified

Refractive index

Residue after evaporation

Solubility

Solubility in water

Water

Retest date

#### RESULTS

colorless liquid

(GC) 99.9%

98.8°C

(APHA) <10

0.692

-12°C

C8H18

(as heptachloroepoxide) <1ppt

(FTIR) conforms structure

-107°C

114.23

(205nm) 0.14

(220nm) 0.02

(230nm) 0.01

(250nm) <0.001

by glass distillation

1.3915

<0.1ppm

Miscible: acetone, benzene, carbon disulfide & tetrachloride, chloroform, ether, heptane, oils, toluene, xylene

immiscible

(KF) 0.003%

01/2025

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