Certificate of Analysis



2-Methylheptanoic acid

Cat. No.: HY-W015664 CAS No.: 1188-02-9 Batch No.: 122651

Chemical Name: Heptanoic acid, 2-methyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{16}O_2$ Molecular Weight: 144.21

Storage: Pure form -20°C 3 years

> 2 years $4^{\circ}C$

In solvent 6 months -80°C

1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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