



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

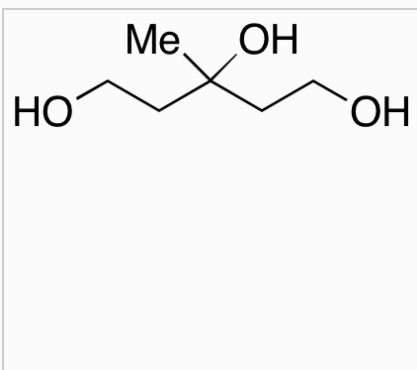
Catalogue Number: M320420

CAS Number: 7564-64-9

Product: 3-Methyl-1,3,5-pentanetriol
(Technical Grade)

Synonym: 3-Hydroxy-3-methylpentane-1,5-diol; 3-Methyl-1,3,5-pentanetriol; NSC 361412; Petriol

Structure:



Molecular Formula:

C₆H₁₄O₃

Molecular weight:

134.17

Source of Product:

N/A

Solubility:

Chloroform (Heated), DMSO (Soluble), Methanol (Slightly)

Lot Number: 1-EDT-86-1

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|------------|-----------------------|----------------------|
| MS | Conforms to Structure | Conforms |
| NMR | Conforms to Structure | Conforms |
| C NMR | Conforms to Structure | Conforms |
| Appearance | Colourless Oil | Clear Colourless Oil |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|--------------|---------------|--------------------|-----------|-------------|
| Swathi Reddy | Toni Rantanen | Chanell Chu | 8/12/2021 | 8/10/2025 |
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