



CERTIFICATE OF ANALYSIS

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1. Identification

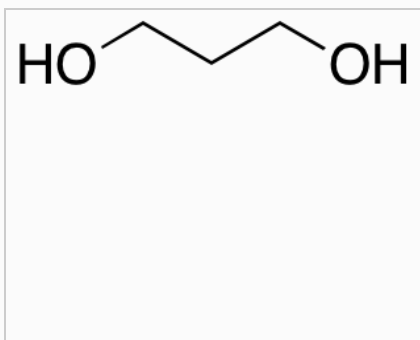
Catalogue Number: P760320

CAS Number: 504-63-2

Product: 1,3-Propanediol

Synonym: 1,3-Dihydroxypropan; 1,3-Propylene Glycol; 1,3-Propylenediol; 2-Deoxyglycerol; Bio-PDO; NSC 65426; PG; Susterra; Trimethylene Glycol; Zemea; Zemea Propanediol; β -Propylene Glycol; ω -Propanediol

Structure:



Molecular Formula:

C₃H₈O₂

Molecular weight:

76.09

Source of Product:

N/A

Solubility:

Chloroform, Ethanol

Lot Number: 5-JTN-132-1

Purity: 98%

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

Storage Condition: 20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

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

Additional Information: NA

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
Xhoana Gjergji	Philip Chan	Clarissa Santos	4/4/2019	4/2/2026