



CERTIFICATE OF ANALYSIS

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1. Identification

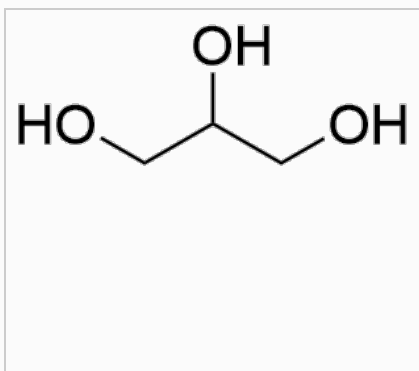
Catalogue Number: G598400

CAS Number: 56-81-5

Product: Glycerol

Synonym: 1,2,3-Propanetriol; 1,3-dihydroxy-2-propanol; Propanetriol; 1,2,3-Trihydroxypropane; Bulbold; Cognis G; Cristal; DG; DG Glycerin; E 422; Emery 916; GL 300; Glycerin; Glycerin DG; Glycerine; Glyceritol; Glycyl Alcohol; Glyrol; Glysarin; IFP; M 314429; Mackstat H 66; NSC 9230; Osmoglyn; Pricerine 9088; Pricerine 9091; RG; RG-S; Trihydroxypropane;

Structure:



Molecular Formula:

$C_3H_8O_3$

Molecular weight:

92.09

Source of Product:

N/A

Solubility:

DMSO (Sparingly), Methanol (Slightly)

Lot Number: 2023-GHZ-073

Purity: 98%

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:
Appearance	Colourless Oil to Thick Oil	Clear Colourless Thick Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 39.43, %H: 9.35
GC Purity	Report Result	99.78%
MS	Conforms to Structure	Conforms

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
Henry Tieu	Toni Rantanen	Chanell Chu	2/27/2023	2/25/2027
				