

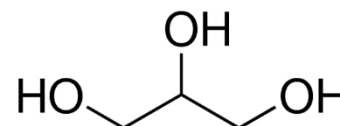


# Product Specification

cdhfinechemical.com

## GLYCEROL FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	940500
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(56-81-5)
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	92.09
<b>PROPERTIES</b>	Hygroscopic, Combustible.



### PARAMETER LIMIT

Description	A clear viscous liquid not more than 10 Hazen unit in colour.
Solubility	Miscible with water and with industrial methylated spirit forming clear and colourless.
Minimum assay (GC)	99.0%
Wt. per ml at 20°C	1.257 – 1.261 g
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.471 – 1.473
pH	6 – 7

### MAXIMUM LIMIT OF IMPURITIES

Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
Sulphate (SO <sub>4</sub> )	0.0005%
Magnesium (Mg)	0.0005%
Chloride (Cl)	0.0001%
Fatty acid esters	0.08%
Sulphated ash	0.005%
Ammonium (NH <sub>4</sub> )	0.0005%
Arsenic (As)	0.00004%
Copper (Cu)	0.00005%
DNase, RNase, Protease & Phosphatases	None detected.

Note(s) : Assay (if applicable) method mentioned.

#### WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

Replace Date 14-Sep.-2019