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## Glycerol, For Molecular Biology

**MB060**

### Product Identifier

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CAS No.	:	56-81-5
EC No.	:	200-289-5
Molecular Formula	:	C <sub>3</sub> H <sub>8</sub> O <sub>3</sub>
Molecular Weight	:	92.09
Synonym	:	1,2,3-Propanetriol
HS Code	:	2905 45 00
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

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Appearance	:	Clear colourless syrupy hygroscopic viscous liquid
Solubility	:	1 mL miscible with 1 mL of water
pH (5M in water at 25°C)	:	5.50 - 8.00
DNases	:	None detected
RNases	:	None detected
Refractive index (n <sub>20/D</sub> )	:	1.470 - 1.475
Density (at 25°C)	:	1.250 - 1.260 g/mL
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Magnesium (Mg)	:	<= 0.0005%
Assay (NaOH Titration/GC)	:	>= 99.50%

### Safety Information

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UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	MA8050000
WGK	:	1