

CERTIFICATE OF ANALYSIS

Product	Glycerol
Grade	Molecular Biology (Conforms to ACS Grade)
Product Code	GB0232
CAS#	56-81-5
MW	92.09
Formula	C ₃ H ₈ O ₃
Lot NO	

Test Items	Specifications	Result
Appearance	Colorless to almost colorless Viscous liquid	
Infrared spectrum	Conforms to Structure	
Purity (Anhydrous)	≥99.5%	
Colour (APHA)	≤10	
Residue on ignition	≤0.005%	
Neutrality	Passes test	
Chlorinated compounds	≤0.003%	
Sulfate	≤0.001%	
Acrolein, glucose and ammonium compounds	Passes test	
Fatty acid esters (as butyric acid)	≤0.05%	
Substances darkened by sulfuric acid	Passes test	
Heavy metals (as Pb)	≤2ppm	
Water (coulometric KF)	≤0.5%	

Storage: RT.

Caution:

Avoid contact with eyes, skin and clothing.
Wash all areas of contact with copious amounts of water.
See Material Safety Data Sheet for additional information.
For laboratory or further manufacturing use only.
Not intended for household use.

Laboratory Control