

Glycerol (Glycerin), Molecular Biology grade

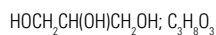


Glycerol is used for low temperature storage of the enzymes and bacterial cultures, purification of proteins, and as a component in electrophoresis loading buffers.



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Catalogue No	Quantity
BPE229-1	1L
BPE229-4	4L



M.W. 92.09

Product specification

Assay	≥99.5%
IR	Conforms to standard
Colour (APHA)	≤10
$A_{280\text{nm}}$	≤0.05
Density at 20°C	1.260 ±0.005g/mL
Magnesium	≤1ppm
Iron	≤5ppm
Heavy metals (as Pb)	≤5ppm
Calcium	≤5ppm
Zinc	≤2ppm
DNase	Not detected
RNase	Not detected
Protease	Not detected

Glycine CAS 56-40-6

First aid	Std.	EINECS	200-272-2
Fire	P, W		
Spillage	C, K, H		
Disposal	9, 19		

Glycine

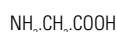


Buffer component for electrophoresis and blotting



25

Catalogue No	Quantity
G/P460/53	500g



M.W. 75.07

Product Specification

Ammonium (NH_4)	≤0.02%
$A_{280\text{nm}}$ (1M aq. soln.)	≤0.15 A.U.
Assay	≥99.5%
Chloride, total (Cl)	≤0.001%
Iron (Fe)	≤5ppm
Lead (Pb)	≤1ppm

Glycine, free base white crystals or crystalline powder



Used in the preparation of tris-glycine electrophoresis buffers and culture media.



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Catalogue No	Quantity
BPE381-500	500g
BPE381-1	1kg
BPE381-5	5kg



M.W. 75.07

Product specification

Assay	98.5% to 101.0%
State of solution	≥98.0% transmittance
Ammonium	≤0.02%
Heavy metals (as Pb)	≤10ppm
Arsenic	≤1ppm
Other amino acids	Chromatographically not detectable
Loss on drying	≤0.20%
Residue on ignition (sulfated)	≤0.10%

D-Glycogen CAS 9005-79-2

First aid	Std.	EINECS	232-683-8
Fire	W, P, C, F		
Spillage	C, K, H		
Storage	Cool, dry		

D-Glycogen white to straw-yellow crystals, from beef liver



Glycogen is used as a carrier in precipitating DNA or RNA in place of sonicated DNA or tRNA.



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Catalogue No	Quantity
BPE676-5	5g



Product specification

Specific rotation $[\alpha]_D^{25}$ (c=0.25, H_2O)	+175° ±10°
TLC	Single spot

Glycyl-L-glutamic acid CAS 7412-78-4

First aid	Std.	EINECS	231-019-4
Fire	W, P, C, F		
Spillage	C, K, H		
Storage	0°C		

Glycyl-L-glutamic acid white fluffy powder



Glycyl-L-glutamic acid is used in biochemical research applications.



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Catalogue No	Quantity
BPE2522-100	100mg



M.W. 204.2