

Glycerin albumen

Storage Temperature: Ambient temperature

Glycerin albumen GURR®

Tissue section adhesive

Cat. No.	Pk	Pack type
361002Y	100 ml	Glass bottle
361004K	500 ml	Glass bottle

Technical data sheet and instructions available on vwr.com

Glycerine

1,2,3-Propanetriol, Glycerol

CAS 56-81-5

EINECS: 200-289-5

Flash Pt: 177 °C (open cup)

HOCH₂CH(OH)CH₂OH

M.W. 92.1 g/mol

Density: 1.26 g/cm³ (20 °C)

Boiling Pt: 290 °C (1013 hPa)

Melting Pt: 18.6 °C

Storage Temperature: Ambient temperature

Glycerine 99.5% AnalR NORMAPUR® analytical reagent, redistilled

Assay	Min. 99.5 %	Appearance of solution (10 % V/V; water)	Passes test
Acidity	Max. 0.0004 meq/g	Alkalinity	Max. 0.0003 meq/g
Colouration	Max. 10 APHA	Density (20/4)	1.257 to 1.265
Acetaldehyde	Max. 10 ppm	Esters of fatty acids (as C ₁₅ H ₃₂ O ₂)	Max. 0.05 %
Glyceraldehyde	Max. 30 ppm	Heavy metals (as Pb)	Max. 1 ppm
Ignition residue (SO ₄)	Max. 50 ppm	Ketones (as CH ₃ COCH ₃)	Max. 50 ppm
Water	Max. 0.5 %	Cl (Chloride)	Max. 1 ppm
NH ₄ (Ammonium)	Max. 5 ppm	SO ₄ (Sulphate)	Max. 5 ppm
As (Arsenic)	Max. 1 ppm	Ba (Barium)	Max. 5 ppm
Fe (Iron)	Max. 1 ppm		

Cat. No.	Pk	Pack type
24388.238	250 ml	Glass bottle
24388.260	500 ml	Plastic bottle
24388.295	1 l	Glass bottle
24388.320	2,5 l	Glass bottle
24388.364	5 l	Plastic bottle
24388.444	20 l	Plastic drum

Glycerine Ph. Eur.

Assay (on anhydrous substance)	98.0 to 101.0 %
Appearance	Clear viscous liquid
Identification A	Passes test
Identification B	Passes test
Solution S	Passes test
Appearance of solution	Passes test
Acidity or alkalinity	Passes test
Refractive index (20°C)	1.470 to 1.475
Aldehydes	Max. 10 ppm
Esters	Passes test
Impurity A and related substances	Passes test
Halogenated compounds	Max. 35 ppm
Sugars	Passes test
Cl (Chloride)	Max. 10 ppm
Heavy metals (as Pb)	Max. 5 ppm
Water	Max. 2.0 %
Sulphated ash	Max. 0.01 %
Residual solvents	Passes test

Cat. No.	Pk	Pack type
24386.298	1 l	Plastic bottle
24386.367	5 l	Plastic container

Glycerine 98% GPR RECTAPUR®

Assay	Min. 98 %
Density (20/4)	1.257 to 1.265
Heavy metals (as Pb)	Max. 20 ppm
Ignition residue (SO ₄)	Max. 0.05 %
Fe (Iron)	Max. 10 ppm

Cat. No.	Pk	Pack type
24387.292	1 l	Plastic bottle
24387.326	2,5 l	Plastic bottle
24387.361	5 l	Plastic container
24387.463	25 l	Plastic drum
24387.554	200 l	Metal drum

Glycerine Electran® Molecular biology grade

Assay	Min. 99.5 %
Appearance	Clear viscous liquid
Identification	Passes test
DNases	Not detected
RNases	Not detected
Proteases	Not detected
Density (20/4)	1.256 to 1.261
Fatty acids	Max. 0.02 %
Organic bound chlorine	Max. 0.0005 %
pH (5 mol/l)	5.5 to 8
Water	Max. 0.5 %
Absorbance (260 nm) (0.5 mol/l)	Max. 0.07
Absorbance (280 nm) (0.5 mol/l)	Max. 0.02
Heavy metals (as Pb)	Max. 0.0005 %
SO ₄ (Sulphate)	Max. 0.001 %
As (Arsenic)	Max. 0.0001 %
Cl (Chloride)	Max. 0.0001 %
Fe (Iron)	Max. 0.0005 %
Pb (Lead)	Max. 0.0001 %

Cat. No.	Pk	Pack type
444482V	100 ml	Plastic bottle
444485B	1 l	Plastic bottle

Glycerine for biotechnology, sterile

Arsenic	< 0.0003 %
DNase	NONE
Heavy Metals (as Pb)	< 0.0005 %
Purity (Anhydrous)	99.0 %
Residue on Ignition	0.01 %
RNase	NONE
Specific Gravity	1.2615 - 1.2635
Sterility	PASS

Cat. No.	Pk	Pack type
E520-100ML	100 ml	Plastic bottle

Glycerine for biotechnology

Arsenic	< 0.0003 %
Chloride	0.001 %
DNase	NONE
Heavy Metals (as Pb)	< 0.0005 %
Protease	NONE
Purity (Anhydrous)	99.0 %
Residue on Ignition	0.01 %
RNase	NONE
Specific Gravity Measurement	1.2615 - 1.2635
Sulphate	0.001 %
Water (KF)	1.0 %

Cat. No.	Pk	Pack type
0854-1L	1 l	Plastic bottle
0854-4L	4 l	Bag-in-box (Cubitaner)

Glycerine, proteomics grade, sterile

Arsenic	< 0.0003 %
Ash	0.01 %
DNase	NONE
Heavy Metals (as Pb)	< 0.0005 %
Protease	NONE
Purity (Anhydrous)	99.0 %
RNase	NONE
Specific Gravity	1.250 - 1.265
Sterility	PASS

Cat. No.	Pk	Pack type
M153-100ML	100 ml	Plastic bottle