

Glycidether Accelerator DMP-30

2,4,6-Tris(dimethylaminomethyl)-phenol · Accelerator DMP-30
 D 0,971 g/cm³ · mp <-20 °C · bp 130 to 135 °C · flp 149 °C
 CAS No. 90-72-2 · EC no. 202-013-9
 UN no. 2735 · ADR 8 III · WGK 1

 **Danger** H302-H314

Glycidether Accelerator DMP-30 for glycidether 100

Assay (GC) ≥ 80,0 %

Art. No.	Pack Qty.	Pack.
8621.1	100 g	glass

Glycidether Hardener DBA

2-Dodecenylsuccinic acid anhydride · Hardener DBA
 D 1,004 g/cm³ · mp <-20 °C · bp 200 °C · flp 177,8 °C
 CAS No. 26544-38-7 · EC no. 246-917-1
 WGK 1

 **Warning** H317-H319-H413

Glycidether Hardener DBA for glycidether 100

Type analysis

Appearance clear, yellowish viscous liquid

Art. No.	Pack Qty.	Pack.
8623.1	100 g	glass
8623.2	1 kg	glass

Glycidether Hardener MNA

Hardener MNA · Methyl nadic anhydride · 1-Methyl-5-norbornene-2,3-dicarboxylic acid anhydride
 C₁₀H₁₀O₃ · D 1,247 g/cm³ · mp -40 °C · bp 274,6 °C · flp 140,7 °C
 M 178,15 g/mol
 CAS No. 25134-21-8 · EC no. 246-644-8
 UN no. 2810 · ADR 6.1 III · WGK 1

 **Danger** H302-H315-H317-H318-H331-H334

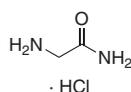
Glycidether Hardener MNA for glycidether 100

Type analysis

Appearance clear, pale yellow viscous liquid

Art. No.	Pack Qty.	Pack.
8639.1	100 g	glass
8639.2	1 kg	glass

Glycinamide hydrochloride



2-Aminoacetamide hydrochloride · H-Gly-NH₂·HCl
 C₂H₇ClN₂O · mp 204 °C
 M 110,54 g/mol
 CAS No. 1668-10-6 · EC no. 216-789-1
 WGK 1

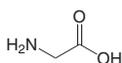
Glycinamide hydrochloride ≥95 %, for biochemistry

Type analysis

Assay (titr.) ≥95,0-105,0 %
 Solution (10 % in H₂O) colourless to yellow
 Melting point 193-203 °C
 Heavy metals (as Pb) ≤0,0015 %

Art. No.	Pack Qty.	Pack.
5543.1	10 g	plastic
5543.2	25 g	plastic
5543.3	50 g	plastic

Glycine



α-Aminoacetic acid · Gly · Glycocol
 C₂H₅NO₂ · D 1,161 g/cm³ · mp >233 °C · bp 375,7 °C
 M 75,07 g/mol
 CAS No. 56-40-6 · EC no. 200-272-2
 WGK 1

Glycine

≥99 %, Blotting Grade

For Western blotting

Type analysis

Appearance white cryst. powder
 Assay ≥99 %
 Loss on drying ≤0,2 %
 Hydrolysable substances complies
 pH value (5 % solution) 6,1 ±0,2
 Sulphated ash ≤0,1 %
 Ammonium (NH₄) ≤0,02 %
 Chloride (Cl) ≤0,007 %
 Sulphate (SO₄) ≤0,006 %
 Iron (Fe) ≤0,001 %
 Heavy metals (as Pb) ≤0,001 %
 Arsenic (As) ≤0,0001 %

Art. No.	Pack Qty.	Pack.
0079.1	250 g	plastic
0079.2	500 g	plastic
0079.3	1 kg	plastic
0079.4	2.5 kg	plastic
0079.5	5 kg	plastic
0079.6	25 kg	plastic

For further information see www.carlroth.com

Glycine

PUFFERAN® ≥99 %, p.a.

Guarantee analysis

Appearance white cryst. powder
 Assay ≥99 %
 pH value (5 % in H₂O) 5,9-6,4
 Ammonium (NH₄) ≤0,02 %
 Chloride (Cl) ≤0,007 %
 Sulphate (SO₄) ≤0,006 %
 Arsenic (As) ≤0,0001 %
 Iron (Fe) ≤0,001 %
 Heavy metals ≤0,001 %
 Sulphated ash ≤0,1 %
 Loss on drying ≤0,2 %

Art. No.	Pack Qty.	Pack.
3908.1	250 g	plastic
3908.2	1 kg	plastic
3908.4	2.5 kg	plastic
3908.3	5 kg	plastic
3908.6	10 kg	plastic
3908.5	25 kg	plastic

For further information see www.carlroth.com

Glycine

CELLPURE® ≥99 %

For cell culture and biochemistry.

Guarantee analysis

Endotoxins ≤6,0 E.U./g
 Assay ≥99 %
 Loss on drying ≤0,2 %
 Ammonium (NH₄) ≤0,02 %
 Chloride (Cl) ≤0,007 %
 Sulphate (SO₄) ≤0,006 %
 Heavy metals (as Pb) ≤0,001 %
 Arsenic (As) ≤0,0001 %
 Iron (Fe) ≤0,001 %

Art. No.	Pack Qty.	Pack.
HN07.1	100 g	plastic
HN07.2	500 g	plastic
HN07.3	1 kg	plastic

Glycine

≥98,5 %, Ph. Eur., USP, JP

Buffer substance

Guarantee analysis

Assay (perchl. based on dry substance) 98,5-101,0 %
 Identity complies
 Appearance of solution clear, colourless
 pH-value (5 % solution) 5,9-6,3
 Ammonium (NH₄) ≤0,02 %
 Chloride (Cl) ≤0,007 %
 Sulphate (SO₄) ≤0,006 %
 Arsenic (As) ≤0,0001 %
 Heavy metals (as Pb) ≤0,001 %
 Loss on drying (105 °C) ≤0,2 %
 Ash content (as SO₄) ≤0,1 %
 Hydrolysable substances complies
 Ninhydrin-positive substances complies
 Residual solvents complies

Related Substances:

Related substances (impurity B) ≤0,1 %
 Related substances (impurity H) ≤0,1 %
 Related substances (impurity I) ≤0,1 %
 Related substances (unspecific impurities) ≤0,1 %
 Related substances (total) ≤0,2 %

Art. No.	Pack Qty.	Pack.
T873.1	250 g	plastic
T873.3	500 g	plastic
T873.2	1 kg	plastic
T873.4	2.5 kg	plastic

Glycine

≥99 %, for biochemistry

Type analysis

Assay ≥99,0 %
 pH value (5 % in H₂O) 5,5-6,5
 Loss on drying ≤0,2 %
 Heavy metals (as Pb) ≤0,002 %
 Ammonium (NH₄) ≤0,02 %
 Chloride (Cl) ≤0,007 %
 Sulphate (SO₄) ≤0,01 %
 Arsenic (As) ≤0,0001 %

Art. No.	Pack Qty.	Pack.
3187.1	250 g	plastic
3187.2	500 g	plastic
3187.3	1 kg	plastic
3187.5	2.5 kg	plastic
3187.4	5 kg	plastic
3187.6	10 kg	plastic
3187.7	25 kg	plastic

For further information see www.carlroth.com

Glycine

≥99 %, for synthesis

Type analysis

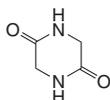
Assay $\geq 99\%$
Loss on drying $\leq 0,2\%$

Art. No.	Pack Qty.	Pack.
3790.1	250 g	plastic
3790.2	1 kg	plastic
3790.4	2.5 kg	plastic
3790.3	5 kg	plastic
3790.5	10 kg	plastic
3790.6	25 kg	plastic

Glycine powder (pouch)

▶ ROTI®Fair Glycine see page 573

Glycine anhydride



2,5-Diketopiperazine · 2,5-Piperazinedione · Cyclo(Gly-Gly)
 $C_4H_8N_2O_2$ · mp $>300\text{ }^\circ\text{C}$
M 114,10 g/mol
CAS No. 106-57-0 · EC no. 203-411-5
WGK 1

Glycine anhydride extra pure

Type analysis

Appearance white to off-white crystalline powder
Appearance of solution (0,1 % in H_2O) colourless, clear
Loss on drying (105 $^\circ\text{C}$, 4 h) $\leq 0,5\%$
pH value (0,1 % in H_2O) 5,3-6,3

Art. No.	Pack Qty.	Pack.
5542.1	25 g	plastic

Glycocholic acid sodium salt

▶ Sodium glycocholate see page 642

Glycocol

▶ Glycine see page 302

Glycogen

Precipitation reagent (DNA)
CAS No. 9005-79-2 · EC no. 232-683-8
WGK 1

Glycogen

lyophilized, made of oysters

For molecular biology and biochemistry.

Stock solution: 5 mg/ml in distilled, sterile water

Working concentration: 50 $\mu\text{g}/\text{ml}$

Type analysis

Appearance bright powder
Origin oysters
Solubility (0,25 %, 1 M NaCl) complies
Loss on drying $\leq 15\%$
Specific rotation $[\alpha]_D^{20}$ $+170^\circ$ to 200°

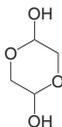
Art. No.	Pack Qty.	Pack.
HP51.1	1 g	glass
HP51.2	5 g	plastic
HP51.3	10 g	plastic
HP51.4	25 g	plastic

For further information see www.carlroth.com

Glycol

▶ Ethylene glycol see page 256

Glycolaldehyde



Hydroxyacetaldehyde
 $C_2H_4O_3$ · mp $85\text{ }^\circ\text{C}$
M 120,10 g/mol
CAS No. 23147-58-2 · EC no. 607-202-3
WGK 1

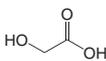
Glycolaldehyde dimer

Type analysis

Appearance white powder
Melting point $80-90\text{ }^\circ\text{C}$

Art. No.	Pack Qty.	Pack.
3801.1	1 g	glass
3801.2	5 g	glass

Glycolic acid



$C_2H_3O_3$ · D 1,25 to 1,27 g/cm³ · mp $10\text{ }^\circ\text{C}$ · bp $112\text{ }^\circ\text{C}$ · flp $>100\text{ }^\circ\text{C}$
M 76,08 g/mol
CAS No. 79-14-1 · EC no. 201-180-5
UN no. 3265 · ADR 8 I · WGK 1

⚠ Danger H314-H332

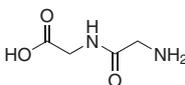
Glycolic acid 70 %, for synthesis

Type analysis

Appearance clear, yellowish liquid
Assay (alkalimetric) 69-71 %
Density (20 $^\circ\text{C}$) 1,23-1,29 g/cm³
NaCl $\leq 10\%$

Art. No.	Pack Qty.	Pack.
1LEY.1	250 ml	plastic
1LEY.2	1 l	plastic
1LEY.3	2.5 l	plastic

Glycylglycine



Diglycine · Gly-Gly
 $C_4H_8N_2O_3$ · mp 255 to $260\text{ }^\circ\text{C}$
M 132,12 g/mol
CAS No. 556-50-3 · EC no. 209-127-8
WGK 1

Glycylglycine

PUFFERAN® $\geq 99\%$, Ultra Quality

Guarantee analysis

Appearance white cryst. powder
Assay (titr.) 99,0-100,5 %
pH value 5,5-6,5
Sulphated ash $\leq 0,1\%$
Heavy metals (as Pb) $\leq 0,0005\%$
Foreign amino acids non detected

Absorbance:

405 nm $\leq 0,01$

Art. No.	Pack Qty.	Pack.
3794.1	10 g	plastic
3794.2	100 g	plastic
3794.3	250 g	plastic
3794.4	500 g	plastic

For further information see www.carlroth.com

Glycylglycine

PUFFERAN® $\geq 98,5\%$, Buffer Grade

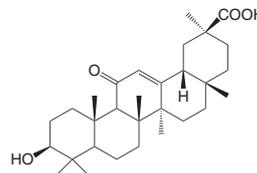
Guarantee analysis

Assay (titr.) $\geq 98,5\%$
Loss on drying $\leq 2,0\%$
pH value (5 % in H_2O) 5,5-6,0
Residue on ignition $\leq 0,1\%$
Heavy metals (as Pb) $\leq 0,001\%$

Art. No.	Pack Qty.	Pack.
HN74.1	50 g	plastic
HN74.2	100 g	plastic
HN74.3	250 g	plastic
HN74.4	500 g	plastic

For further information see www.carlroth.com

18-β-Glycyrrhetic acid



Enoxolone

$C_{30}H_{46}O_4$ · D 1,202 g/cm³ · mp $288,4$ to $292,2\text{ }^\circ\text{C}$
M 470,69 g/mol
CAS No. 471-53-4 · EC no. 207-444-6
WGK 1

⚠ Warning H319

18-β-Glycyrrhetic acid ROTICHRM® HPLC

Reference substance for HPLC.

Storage temperature: $+4\text{ }^\circ\text{C}$

Type analysis

Purity (HPLC) $\geq 99\%$

Art. No.	Pack Qty.	Pack.
7469.2	20 mg	glass