


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

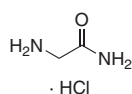
Hardener MNA · Methyl nadic anhydride · 1-Methyl-5-norbornene-2,3-dicarboxylic acid anhydride
C₁₀H₁₆O₃ · D 1,247 g/cm³ · mp -40 °C · bp 274,6 °C · flp 140,7 °C
M 178,15 g/mol
CAS No. 25134-21-8 · EC no. 246-644-8
UN no. 2810 · ADR 6.1 III · WGK 1
 **Danger** H302-H315-H317-H318-H331-H334

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
C₂H₅ClN₂O · mp 204 °C
M 110,54 g/mol
CAS No. 1668-10-6 · EC no. 216-789-1
WGK 1

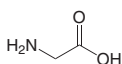
Glycinamide hydrochloride ≥95 %, for biochemistry

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

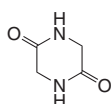
Assay	≥99 %
Loss on drying	≤0,2 %

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)
 $C_4H_6N_2O_2$ · mp >300 °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 °C, 4 h) ≤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

Glycocoli

► 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 µg/ml

Type analysis

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

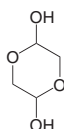
Art. No.	Pack Qty.	Pack.
HP51.1	1 g	glass
HP51.2	5 g	plastic
HP51.3	10 g	plastic
HP51.4	25 g	plastic

For further information see www.carlroth.com

Glycol

► Ethylene glycol see page 256

Glycolaldehyde



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

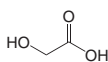
Glycolaldehyde dimer

Type analysis

Appearance white powder
 Melting point 80-90 °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 °C · bp 112 °C · flp >100 °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

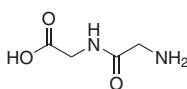
Glycolic acid 70 %, for synthesis

Type analysis

Appearance clear, yellowish liquid
 Assay (alkalimetric) 69-71 %
 Density (20 °C) 1,23-1,29 g/cm³
 NaCl ≤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 °C
 M 132,12 g/mol
 CAS No. 556-50-3 · EC no. 209-127-8
 WGK 1

Glycylglycine

PUFFERAN® ≥99 %, Ultra Quality

Guarantee analysis

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

Absorbance:

405 nm ≤ 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® ≥98,5 %, Buffer Grade

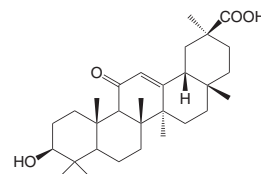
Guarantee analysis

Assay (titr.) ≥98,5 %
 Loss on drying ≤2,0 %
 pH value (5 % in H_2O) 5,5-6,0
 Residue on ignition ≤0,1 %
 Heavy metals (as Pb) ≤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 °C
 M 470,69 g/mol
 CAS No. 471-53-4 · EC no. 207-444-6
 WGK 1

⚠ Warning H319

18-β-Glycyrrhetic acid ROTICHRON® HPLC

Reference substance for HPLC.

Storage temperature: +4 °C

Type analysis

Purity (HPLC) ≥99 %

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