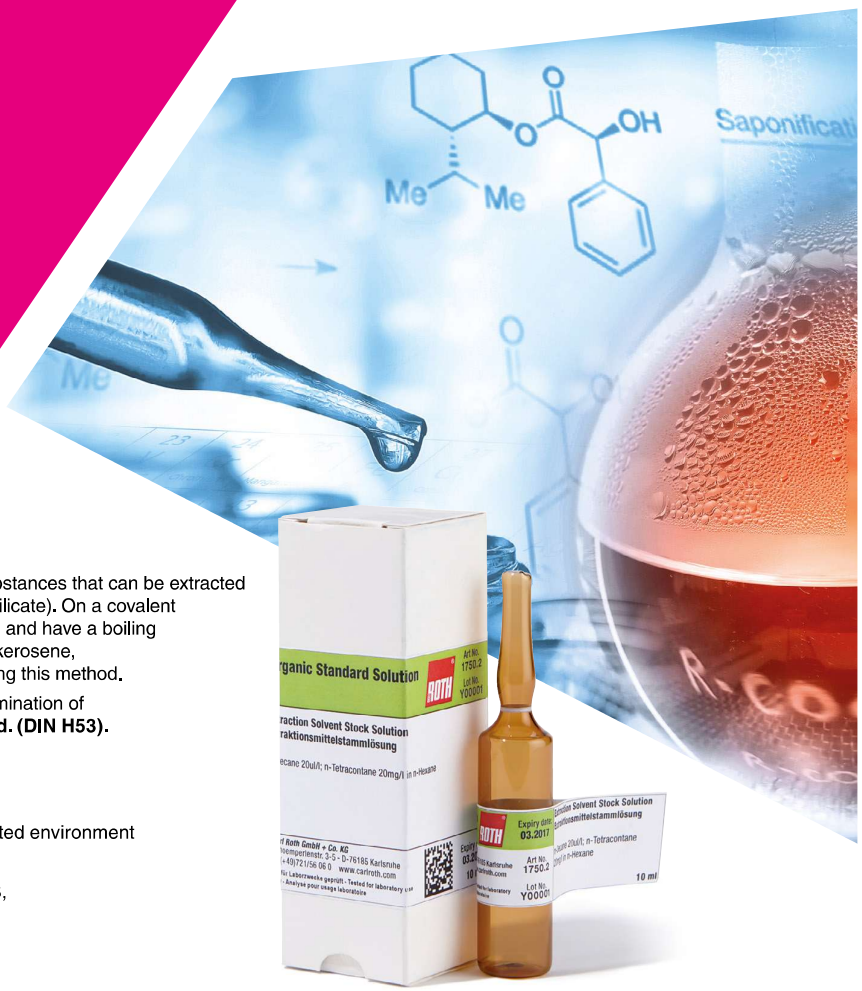
Chemicals

TOP Offers

-20 %

Hydrocarbon Index



Determination of the Hydrocarbon Index

The hydrocarbon index is defined as the total of all organic substances that can be extracted with hexane, but cannot be adsorbed in Florisil® (magnesium silicate). On a covalent GC column, these elute between *n*-decane and *n*-tetracontane and have a boiling range of 175–525 °C. These include heating oils, diesel fuels, kerosene, lubricants and transmission fluids. Petrols are not detected using this method.

Carl ROTH offers an extensive range of products for the determination of the hydrocarbon index in accordance with **EN ISO 9377-2-Mod. (DIN H53).**

Standards
According to **EN ISO 9377-2-Mod. (DIN H53)**

- Manufactured in accordance with **ISO 17034** in an accredited environment
- Tested in a laboratory accredited to **ISO/IEC 17025**
- Ideal for calibration of GC-FID, GC-TCD, GC-ECD, GC-MS, GC-MS/MS, LC-UV, LC-MS and LC-MS/MS
- With an detailed, batch-related certificate of analysis

Product name	Purity	Pack.	Art. No.	Pack Qty.	€	€
Diesel	≥99 %	glass ampoule	**1PHK.1**	1 ml	~~118,25~~	**94,60**
		glass	**1PHK.2**	100 ml	~~525,70~~	**420,50**
			1PHK.3	250 ml	~~751,45~~	**601,10**
n-Alkane standard solution (C_{10}-C_{40}, all even)	16 components (each 50 mg/l) in *n*-hexane	glass ampoule	**1772.1**	1 ml	~~161,25~~	**129,00**
			1772.2	5 ml	~~241,90~~	**193,50**
	16 components (each 100 mg/l) in *n*-hexane/petroleum ether	glass ampoule	**9331.1**	5 ml	~~353,70~~	**282,90**
n-Alkane standard solution (C_7, C_8, C_9, C_{10}-C_{40}, all even)	19 components (each 50 mg/l) in isooctane	glass ampoule	**9629.1**	5 ml	~~1342,70~~	**1074,10**
Extraction solvent stock solution	20 µl/l *n*-decane and 20 mg/l *n*-tetracontane in *n*-hexane	glass ampoule	**1750.2**	10 ml	~~161,25~~	**129,00**
Florisil® quality control standard	1 000 mg/l mineral oil and diesel in *n*-hexane	glass ampoule	**9334.1**	5 ml	~~104,20~~	**83,30**
Standard mixture of mineral oils	500 mg/l mineral oil and diesel in acetone	glass ampoule	**1774.2**	5 ml	~~150,50~~	**120,40**
	5 000 mg/l mineral oil and diesel in *n*-hexane	glass ampoule	**1773.2**	5 ml	~~134,40~~	**107,50**
	10 000 mg/l mineral oil and diesel in *n*-hexane	glass ampoule	**1XX9.1**	5 ml	~~177,40~~	**141,90**
			1XX9.2	10 ml	~~278,45~~	**222,70**
	50 000 mg/l mineral oil and diesel in *n*-hexane	glass ampoule	**1LCE.1**	1 ml	~~252,65~~	**202,10**
			1LCE.2	5 ml	~~955,70~~	**764,50**
	10 000 mg/l mineral oil and diesel in *n*-heptane	glass ampoule	**1XXA.1**	10 ml	~~278,45~~	**222,70**
	50/50 mineral oil and diesel, solvent-free	glass ampoule	**1LCH.1**	1 ml	~~150,50~~	**120,40**
			1LCH.2	5 ml	~~278,45~~	**222,70**
Stearyl stearate test solution	2 000 mg/l in *n*-hexane	glass ampoule	**1760.2**	10 ml	~~170,95~~	**136,70**

For safety information and additional data, see www.carlroth.com

Valid from 1 October to 31 December 2026

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Vanaf Euro 250,– zonder kosten! Prijzen excl. BTW. De verkoop en leveringsvoorwaarden van Carl Roth GmbH + Co. KG zijn van toepassing.
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De algemene verkoop- en leveringsvoorwaarden van Carl Roth GmbH + Co. KG, Karlsruhe zijn van toepassing.

Conductivity Standards

-15 %

by Hamilton

Standards for Conductivity Measurement

Hamilton conductivity standards are high-purity calibration solutions that ensure accurate and reliable verification of conductivity sensors. Offered in a diverse range of values, these standards are ideal for a multitude of applications across industries such as pharmaceutical, chemical, food and beverage, and environmental monitoring.
Hamilton is the first manufacturer to offer patented conductivity standards of 1.3 and 5 µS/cm with a certified accuracy of ±1% and a lifetime of 1 and 3 years respectively. They can be used repeatedly under the condition that the bottle is not left open for more than 1 hour in total.



Purity	Certified according to	Art. No.	Pack Qty.	€	€
1.3 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK, ISO 17034	**29WM.1**	250 ml	~~203,20~~	**172,70**
5 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK, ISO 17034	**29WN.1**	250 ml	~~192,45~~	**163,55**
15 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK, ISO 17034	**29WP.1**	250 ml	~~170,95~~	**145,25**
84 µS/cm (25 °C), water-based	ISO 17025 DAkkS/DANAK	**29WT.1**	500 ml	~~84,95~~	**72,15**
100 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK, ISO 17034	**29WU.1**	250 ml	~~160,20~~	**136,15**
147 µS/cm (25 °C), water-based	ISO 17025 DAkkS/DANAK	**29WW.1**	500 ml	~~84,95~~	**72,15**
706 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK	**29WX.1**	250 ml	~~160,20~~	**136,15**
1413 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK	**29WY.1**	250 ml	~~117,20~~	**99,60**
1413 µS/cm (25 °C), water-based	ISO 17025 DAkkS/DANAK	**29XU.1**	500 ml	~~84,95~~	**72,15**
12 880 µS/cm (25 °C), water-based	ISO 17025 DAkkS/DANAK	**29XG.1**	500 ml	~~84,95~~	**72,15**
100 000 µS/cm (25 °C), glycerine-based	ISO 17025 DAkkS/DANAK	**29XM.1**	250 ml	~~138,70~~	**117,85**

For safety information and additional data, see www.carlroth.com

NMR Solvents

-20 %

NMR Spectroscopy

Deuterated compounds are mainly used in NMR spectroscopy to characterise organic structures. This has the advantage of virtually eliminating solvent signals. In addition, acidic protons can be exchanged for deuterium to make it easier to assign the signals.

Application examples:

- Routine tasks such as structure determination and identity verification in research and development laboratories
- Elucidation of reaction mechanisms and metabolisms
- For GC-MS or LC-MS as internal standards

Properties:

- High degree of deuteration
- High purity of the starting compound
- Defined water content
- Filled under protective gas (nitrogen), except for compounds containing TMS



Product name	Purity	Art. No.	Pack Qty.	€	€
Acetone D6	99,8 Atom%D	**AE51.3**	7.5 ml	~~102,70~~	**82,10**
		AE51.1	10 ml	~~99,45~~	**79,55**
		AE51.4	10 ml	~~101,60~~	**81,25**
		AE51.5	25 ml	~~224,70~~	**179,70**
		AE51.2	50 ml	~~392,40~~	**313,90**
	99,5 Atom%D	**7909.1**	10 ml	~~83,75~~	**66,95**
		7909.2	50 ml	~~332,20~~	**265,70**
Acetonitrile D3	99,8 Atom%D	**7911.2**	7.5 ml	~~132,25~~	**105,75**
		7911.1	10 ml	~~127,95~~	**102,30**
		7911.3	25 ml	~~273,05~~	**218,40**
	99,5 Atom%D	**AE52.1**	10 ml	~~110,20~~	**88,15**
		AE52.3	10 ml	~~112,90~~	**90,30**
		AE52.2	25 ml	~~231,15~~	**184,90**
Deuterium oxide	100 Atom%D	**HN81.3**	7.5 ml	~~90,20~~	**72,10**
		HN81.1	10 ml	~~83,75~~	**66,95**
		HN81.4	10 ml	~~87,65~~	**70,05**
		HN81.2	50 ml	~~284,90~~	**227,90**
	99,9 Atom%D	**6672.6**	7.5 ml	~~78,40~~	**62,65**
		6672.1	10 ml	~~50,00~~	**39,95**
		6672.5	10 ml	~~67,65~~	**54,05**
		6672.2	25 ml	~~83,35~~	**66,65**
		6672.3	100 ml	~~284,90~~	**227,90**
		6672.4	500 ml	~~1316,90~~	**1053,50**
		6672.7	1 l	~~2596,15~~	**2076,90**
N,*N*-Dimethylformamide D7	99,5 Atom%D	**CP92.2**	1 ml	~~110,20~~	**88,15**
		CP92.1	5 ml	~~360,15~~	**288,10**
Dimethyl sulphoxide D6	99,9 Atom%D	**7915.3**	7.5 ml	~~84,40~~	**67,50**
		7915.1	10 ml	~~79,05~~	**63,20**
		7915.2	10 ml	~~82,25~~	**65,75**
	99,8 Atom%D	**AE56.3**	7.5 ml	~~70,45~~	**56,30**
		AE56.1	10 ml	~~67,65~~	**54,05**
		AE56.4	10 ml	~~69,35~~	**55,45**
		AE56.6	25 ml	~~137,10~~	**109,65**
		AE56.2	50 ml	~~249,95~~	**199,95**
		AE56.5	100 ml	~~471,95~~	**377,50**

Product name	Purity	Art. No.	Pack Qty.	€	€
Methanol D1	99,5 Atom%D	**HN86.1**	25 ml	~~107,40~~	**85,85**
		HN86.2	100 ml	~~370,90~~	**296,70**
Methanol D4	99,8 Atom%D	**AE57.3**	7.5 ml	~~96,65~~	**77,25**
		AE57.1	10 ml	~~89,15~~	**71,25**
		AE57.4	10 ml	~~92,35~~	**73,85**
		AE57.5	25 ml	~~198,90~~	**159,10**
		AE57.2	50 ml	~~385,95~~	**308,70**
Tetrahydrofuran D8	99,5 Atom%D	**AE58.3**	5 ml	~~166,65~~	**133,30**
		AE58.5	7.5 ml	~~299,95~~	**239,90**
		AE58.1	10 ml	~~295,65~~	**236,50**
		AE58.2	10 ml	~~298,35~~	**238,65**
		AE58.4	25 ml	~~686,95~~	**549,50**
Toluene D8	99,8 Atom%D	**7924.2**	7.5 ml	~~220,40~~	**176,30**
		7924.1	10 ml	~~217,70~~	**174,15**
	99,5 Atom%D	**CP95.2**	7.5 ml	~~150,00~~	**119,95**
		CP95.1	10 ml	~~147,85~~	**118,25**
Trichloromethane/ Chloroform D1	99,8 Atom%D	**7903.1**	7.5 ml	~~35,40~~	**28,25**
	99,8 Atom%D, stabilised with Ag	**AE54.4**	25 ml	~~40,35~~	**32,25**
		AE54.1	100 ml	~~87,65~~	**70,05**
		AE54.3	100 ml	~~89,15~~	**71,25**
		AE54.2	500 ml	~~353,70~~	**282,90**
Trichloromethane/ Chloroform D1 with TMS (0.03 vol.%)	99,8 Atom%D	**7905.1**	7.5 ml	~~35,40~~	**28,25**
	99,8 Atom%D, stabilised with Ag	**AE59.1**	100 ml	~~89,15~~	**71,25**

For safety information and additional data, see www.carlroth.com

Salts in Technical Grade Quality

-20 %

ROTH offers a broad portfolio of high-quality technical salts for a wide range of applications in research, development, and technical processes. Whether used as starting materials for syntheses, in production processes, for technical experiments, or research projects, our products stand out through consistent quality, reliable specifications, and a wide range of packaging sizes.

With ROTH, you can rely on an experienced partner for technical chemicals and salts, dedicated to meeting your requirements competently and reliably.



Sodium chloride

≥99,8 %, with anti-caking agent

Anti-caking agent: Potassium hexacyanoferrate(II) K4[Fe(CN)6] and sodium carbonate Na2CO3

Art. No.	Pack Qty.	Pack.	€	€
9265.1	1 kg	plastic	~~13,90~~	**11,05**
9265.2	5 kg	plastic	~~41,40~~	**33,10**
9265.3	10 kg	plastic	~~73,65~~	**58,90**
9265.5	25 kg	plastic	~~142,45~~	**113,95**
9265.4	50 kg	cardboard	~~235,45~~	**188,30**

Sodium chloride

≥99,8 %, extra fine, with anti-caking agent

Anti-caking agent: Potassium hexacyanoferrate(II) K4[Fe(CN)6]

Art. No.	Pack Qty.	Pack.	€	€
0962.1	1 kg	plastic	~~14,55~~	**11,60**
0962.2	5 kg	plastic	~~42,50~~	**33,95**
0962.3	25 kg	plastic	~~142,45~~	**113,95**

Sodium chloride

≥99 %

Without anti-caking agent, caking possible

Art. No.	Pack Qty.	Pack.	€	€
0601.1	1 kg	plastic	~~14,95~~	**11,90**
0601.2	5 kg	plastic	~~44,00~~	**35,15**
0601.3	10 kg	plastic	~~76,90~~	**61,45**
0601.4	25 kg	plastic	~~145,15~~	**116,10**

Product name	Purity	Art. No.	Pack Qty.	€	€
Ammonium carbonate	≥30,5 % NH_3, extra pure	**CN94.1**	500 g	~~21,40~~	**17,05**
		CN94.2	1 kg	~~34,95~~	**27,95**
		CN94.4	2.5 kg	~~62,25~~	**49,75**
		CN94.3	5 kg	~~106,45~~	**85,10**
Caesium chloride	≥99,9 %, extra pure, for biochemistry	**7878.4**	25 g	~~42,90~~	**34,25**
		7878.1	100 g	~~120,95~~	**96,75**
		7878.3	250 g	~~256,95~~	**205,50**
		7878.5	500 g	~~493,45~~	**394,70**
		7878.2	1 kg	~~962,15~~	**769,70**
Cerium(IV) ammonium nitrate	≥99 %, extra pure	**3338.1**	100 g	~~55,40~~	**44,25**
		3338.2	250 g	~~117,20~~	**93,70**
		3338.4	500 g	~~209,65~~	**167,70**
		3338.3	1 kg	~~396,70~~	**317,30**
Iron(II) sulphate heptahydrate	≥16 % Fe, technical	**20U4.1**	1 kg	~~21,40~~	**17,05**
		20U4.2	5 kg	~~91,30~~	**72,95**
		20U4.3	10 kg	~~160,20~~	**128,10**
		20U4.4	25 kg	~~590,20~~	**472,10**
Lithium carbonate	≥99 %, extra pure	**7324.1**	100 g	~~47,85~~	**38,25**
		7324.2	500 g	~~188,15~~	**150,50**
		7324.3	1 kg	~~360,15~~	**288,10**
		7324.4	2.5 kg	~~768,65~~	**614,90**
		7324.5	5 kg	~~1478,15~~	**1182,50**
Lithium chloride	≥98,5 %, pure	**P007.1**	250 g	~~117,20~~	**93,70**
		P007.2	1 kg	~~424,65~~	**339,70**
		P007.3	2.5 kg	~~944,95~~	**755,90**
Potassium aluminium sulphate dodecahydrate	≥98 %	**8896.1**	1 kg	~~23,15~~	**18,45**
		8896.2	5 kg	~~68,70~~	**54,90**
		8896.3	10 kg	~~127,95~~	**102,30**
		8896.4	25 kg	~~256,95~~	**205,50**
Potassium hexacyanoferrate(III)	≥99 %, technical	**7971.3**	500 g	~~53,25~~	**42,55**
		7971.1	1 kg	~~92,35~~	**73,85**
		7971.2	5 kg	~~376,25~~	**301,00**
di-Potassium hydrogen phosphate trihydrate	≥98,5 %, extra pure	**23NY.1**	100 g	~~26,35~~	**21,05**
		23NY.2	1 kg	~~112,90~~	**90,30**
		23NY.3	5 kg	~~478,40~~	**382,70**
		23NY.4	25 kg	~~1703,90~~	**1363,10**

Product name	Purity	Art. No.	Pack Qty.	€	€
Potassium iodide	≥99 %, extra pure	**0323.1**	100 g	~~42,90~~	**34,25**
		0323.2	500 g	~~155,90~~	**124,70**
		0323.3	1 kg	~~299,95~~	**239,90**
		0323.4	2.5 kg	~~600,95~~	**480,70**
		0323.5	25 kg	~~5536,25~~	**4429,00**
Silver nitrate	≥98 %, technical	**2246.1**	10 g	~~42,90~~	**34,25**
		2246.2	50 g	~~166,65~~	**133,30**
		2246.3	100 g	~~306,40~~	**245,10**
		2246.4	500 g	~~1494,25~~	**1195,40**
		2246.5	1 kg	~~2848,75~~	**2279,00**
Sodium carbonate	≥99 %, anhydrous, heavy	**8563.1**	1 kg	~~21,40~~	**17,05**
		8563.2	10 kg	~~88,05~~	**70,40**
		8563.5	25 kg	~~160,20~~	**128,10**
Sodium sulphate	≥99 %, anhydrous	**8631.2**	1 kg	~~24,20~~	**19,35**
		8631.1	2.5 kg	~~48,95~~	**39,10**
		8631.5	25 kg	~~170,95~~	**136,70**
Sodium tetrafluoroborate	≥97 %, pure	**27KY.1**	100 g	~~23,15~~	**18,45**
		27KY.2	500 g	~~74,75~~	**59,75**
		27KY.3	1 kg	~~138,70~~	**110,90**
Strontium hydroxide octahydrate	≥97 %, pure	**3K52.1**	100 g	~~22,05~~	**17,60**
		3K52.2	500 g	~~50,00~~	**39,95**
		3K52.3	1 kg	~~77,95~~	**62,35**
		3K52.4	5 kg	~~278,45~~	**222,70**

For safety information and additional data, see www.carlroth.com



► Further products at www.carlroth.com

Nanoparticles

-20 %



ROTI®nanoMETIC

ROTH offers a broad portfolio of high-quality nanoparticles for a wide range of applications in research, development, and technical processes. Whether metallic nanoparticles, metal oxides, carbon-based nanomaterials, or other nanoscale compounds, our products stand out through their high quality, well-defined properties, and extensive selection of materials.

Most nanoparticles are supplied as hydrophilic powders and can be easily dispersed in aqueous media.

With nanoparticles from ROTH, you can rely on a trusted partner for innovative nanomaterials and forward-looking applications.

Metal Nanoparticles

Product name	Purity	Art. No.	Pack Qty.	€	€
Copper, nano	≥99 %, ≥80 nm	**8279.1**	5 g	~~61,20~~	**48,90**
		8279.2	25 g	~~241,90~~	**193,50**
		8279.3	100 g	~~876,15~~	**700,90**
	≥99 %	**21E8.1**	1 g	~~81,20~~	**64,90**
		21E8.2	5 g	~~149,45~~	**119,50**
Gold, nano	≥99,5 % 4 nm	**37PC.1**	10 mg	~~170,95~~	**136,70**
		37PC.2	50 mg	~~493,45~~	**394,70**
Nickel, nano	≥90 %, 50 nm	**21E9.1**	1 g	~~63,35~~	**50,60**
		21E9.2	5 g	~~239,20~~	**191,35**
Silver, nano	7 nm, hydrophobic	**36LE.1**	10 mg	~~149,45~~	**119,50**
		36LE.2	50 mg	~~267,70~~	**214,10**
		36LE.3	200 mg	~~708,45~~	**566,70**

For safety information and additional data, see www.carlroth.com

Carbon Nanoparticles

Product name	Purity	Art. No.	Pack Qty.	€	€
Carbon black	≥99 %, 10-20 nm	**21LP.1**	10 g	~~34,30~~	**27,40**
		21LP.2	50 g	~~92,35~~	**73,85**
		21LP.3	100 g	~~161,25~~	**129,00**
Graphene	≥90 %, Thickness: 1-4 nm, Particles size: ≤2 µm	**36LY.1**	1 g	~~14,95~~	**11,90**
		36LY.2	10 g	~~102,70~~	**82,10**
		36LY.3	50 g	~~353,70~~	**282,90**
Nanodiamonds	5 nm, low ash content	**21TA.1**	1 g	~~170,95~~	**136,70**
		21TA.2	10 g	~~1451,25~~	**1161,00**
	≥97 %, 5 nm	**21X9.1**	1 g	~~57,95~~	**46,30**
		21X9.2	10 g	~~450,45~~	**360,30**

For safety information and additional data, see www.carlroth.com

Metal Oxide Nanoparticles

Product name	Purity	Art. No.	Pack Qty.	€	€
Aluminium oxide, nano	≥99,8 %, ca. 40 nm, alpha, hydrophilic	**23C8.1**	5 g	~~23,15~~	**18,45**
		23C8.2	25 g	~~55,40~~	**44,25**
		23C8.3	100 g	~~206,95~~	**165,55**
	≥99,9 %, 40 nm, gamma, hydrophilic	**8250.1**	10 g	~~36,45~~	**29,10**
		8250.2	50 g	~~142,45~~	**113,95**
		8250.3	100 g	~~231,15~~	**184,90**
	≥99,5 %, 15 nm, theta, hydrophilic	**21EA.1**	10 g	~~28,95~~	**23,10**
		21EA.2	50 g	~~81,20~~	**64,90**
		21EA.3	100 g	~~142,45~~	**113,95**
Iron(II,III) oxide	~8 nm 3 % in H_2O, magnetic fluid	**33H3.1**	5 ml	~~89,15~~	**71,25**
		33H3.2	25 ml	~~364,45~~	**291,50**
	~8 nm 30 % in H_2O, magnetic fluid	**33H4.1**	5 ml	~~106,45~~	**85,10**
		33H4.2	25 ml	~~461,20~~	**368,90**
	~40 nm 3 % in H_2O, magnetic fluid	**33H5.1**	5 ml	~~106,45~~	**85,10**
		33H5.2	25 ml	~~461,20~~	**368,90**
Iron(III) oxide	ca. 6 nm, 5 % in H_2O	**33T2.1**	50 ml	~~32,15~~	**25,65**
		33T2.2	100 ml	~~53,65~~	**42,85**
		33T2.3	500 ml	~~213,95~~	**171,10**
Magnesium oxide, nano	≥99 %, 20 nm	**21H1.1**	5 g	~~39,70~~	**31,70**
		21H1.2	10 g	~~68,70~~	**54,90**
		21H1.3	25 g	~~142,45~~	**113,95**
Silicon dioxide, nano	≥99,5 %, ca. 10 nm, fumed, hydrophilic	**21HE.1**	25 g	~~34,30~~	**27,40**
		21HE.2	100 g	~~92,35~~	**73,85**
	≥99,5 %, ca. 10 nm, fumed, hydrophobic	**21HH.1**	5 g	~~40,35~~	**32,25**
		21HH.2	10 g	~~73,00~~	**58,35**
		21HH.3	25 g	~~160,20~~	**128,10**
		21HH.4	50 g	~~181,70~~	**145,30**
Titanium(IV) oxide, nano	≥99,9 %, 4–8 nm, anatase	**8254.1**	10 g	~~81,20~~	**64,90**
		8254.2	50 g	~~349,40~~	**279,50**
Zinc oxide, nano	≥99 %, 25 nm	**8278.1**	10 g	~~69,35~~	**55,45**
		8278.2	50 g	~~256,95~~	**205,50**
		8278.3	100 g	~~482,70~~	**386,10**

Safety information and additional data at www.carlroth.com



► Further products at www.carlroth.com

Acids for Analysis (p.a.)

-20 %

Acetic acid

ROTIPURAN® 100 %, p.a.

Danger H226-H314

Art. No.	Pack Qty.	Pack.	€	€
3738.1	1 l	glass	~~38,60~~	30,85
3738.4	1 l	plastic	~~36,05~~	28,80
3738.2	2.5 l	glass	~~83,35~~	66,65
3738.5	2.5 l	plastic	~~81,20~~	64,90
3738.6	5 l	plastic	~~138,70~~	110,90
3738.3	10 l	plastic	~~246,20~~	196,90

Sulphuric acid

ROTIPURAN® 96 %, p.a., ISO

Danger H290-H314

Art. No.	Pack Qty.	Pack.	€	€
4623.3	250 ml	glass	~~25,70~~	20,50
4623.1	1 l	glass	~~42,90~~	34,25
4623.4	1 l	plastic	~~40,75~~	32,55
4623.2	2.5 l	glass	~~88,70~~	70,95
4623.5	2.5 l	plastic	~~90,85~~	72,65
4623.7	5 l	plastic	~~131,70~~	105,35
4623.6	10 l	plastic	~~172,00~~	137,60

Nitric acid

ROTIPURAN® ≥65 %, p.a., ISO

Danger
H272-H290-H314-H331-EUH071

Art. No.	Pack Qty.	Pack.	€	€
4989.3	250 ml	glass	~~26,35~~	21,05
4989.1	1 l	glass	~~47,20~~	37,70
4989.2	2.5 l	glass	~~97,75~~	78,15
4989.4	2.5 l	plastic	~~94,50~~	75,55



Product name	Purity	Pack.	Art. No.	Pack Qty.	€	€
Acetic acid	≥95,9 %, p.a.	plastic	T179.1	1 l	~~34,30~~	27,40
			T179.2	2.5 l	~~76,90~~	61,45
			T179.4	5 l	~~131,70~~	105,35
			T179.3	10 l	~~235,45~~	188,30
Boric acid	≥99,8 %, p.a., ACS, ISO	plastic	6943.4	500 g	~~41,40~~	33,10
			6943.6	2.5 kg	~~127,95~~	102,30
Citric acid	≥99,5 %, p.a., ACS, anhydrous	plastic	X863.1	500 g	~~32,15~~	25,65
			X863.2	1 kg	~~54,75~~	43,75
			X863.3	2.5 kg	~~110,20~~	88,15
			X863.4	5 kg	~~192,45~~	153,90
			X863.6	10 kg	~~375,20~~	300,10
			X863.5	25 kg	~~736,40~~	589,10
Formic acid	≥98 %, p.a., ACS	glass	4724.3	500 ml	~~33,25~~	26,55
			4724.1	1 l	~~63,35~~	50,60
			4724.2	2.5 l	~~123,65~~	98,90
		plastic	4724.4	10 l	~~407,45~~	325,90
			4724.5	25 l	~~826,70~~	661,30
Hydrochloric acid	37 % fuming, p.a., ACS, ISO	glass	4625.4	500 ml	~~22,50~~	17,95
			4625.1	1 l	~~27,85~~	22,25
			4625.2	2.5 l	~~52,15~~	41,70
		plastic	4625.3	10 l	~~137,10~~	109,65
			4625.5	25 l	~~284,90~~	227,90
	≥32 %, p.a., ISO	glass	P074.1	1 l	~~27,85~~	22,25
		plastic	P074.3	1 l	~~25,70~~	20,50
		glass	P074.2	2.5 l	~~50,00~~	39,95
		plastic	P074.4	2.5 l	~~47,85~~	38,25
			P074.5	10 l	~~138,70~~	110,90
			P074.6	25 l	~~310,70~~	248,50
Nitric acid	≥65 %, p.a., ISO, max. 0,005 ppm Hg	glass	X943.1	1 l	~~45,05~~	36,00
			X943.2	2.5 l	~~89,15~~	71,25
Perchloric acid	70 %, p.a.	glass	9216.1	500 ml	~~103,10~~	82,45
			9216.2	1 l	~~170,95~~	136,70
Periodic acid	≥99 %, p.a.	glass	3257.3	50 g	~~49,35~~	39,45
			3257.1	100 g	~~94,10~~	75,25
			3257.2	500 g	~~327,90~~	262,30
			3257.4	1 kg	~~600,95~~	480,70

For safety information and additional data, see www.carlroth.com

Bases for Analysis (p.a.)

Bases in analytical reagent grade (p.a.) enable reproducible and reliable results, which are essential in chemical analysis. They form the foundation for work in research, development, and quality control.



-20 %

Product name	Purity	Pack.	Art. No.	Pack Qty.	€	€
Ammonia solution	30 %, p.a., ACS	glass	**CP17.1**	1 l	~~34,30~~	**27,40**
			CP17.2	2.5 l	~~55,80~~	**44,60**
		PE/steel	**CP17.3**	5 l	~~103,10~~	**82,45**
			CP17.4	10 l	~~177,40~~	**141,90**
			CP17.5	25 l	~~338,65~~	**270,90**
	≥25 %, p.a.	glass	**6774.1**	1 l	~~33,90~~	**27,05**
			6774.2	2.5 l	~~50,45~~	**40,30**
		plastic	**6774.3**	5 l	~~75,80~~	**60,60**
	20 %, p.a.	plastic	**21HK.1**	500 ml	~~34,30~~	**27,40**
			21HK.2	1 l	~~69,35~~	**55,45**
			21HK.3	2.5 l	~~123,65~~	**98,90**
Potassium hydroxide	≥85 %, p.a., in pellets	plastic	**6751.3**	250 g	~~21,40~~	**17,05**
			6751.1	1 kg	~~44,65~~	**35,65**
			6751.4	2.5 kg	~~91,30~~	**72,95**
			6751.2	5 kg	~~170,95~~	**136,70**
			6751.6	10 kg	~~306,40~~	**245,10**
			6751.5	25 kg	~~611,70~~	**489,30**
Sodium hydroxide	≥98 %, p.a., ISO, in pellets	plastic	**6771.3**	500 g	~~30,00~~	**23,95**
			6771.1	1 kg	~~50,00~~	**39,95**
			6771.4	2.5 kg	~~99,90~~	**79,85**
			6771.2	5 kg	~~188,15~~	**150,50**
			6771.6	10 kg	~~353,70~~	**282,90**
			6771.5	25 kg	~~779,40~~	**623,50**
Sodium hydroxide solution	≥32 %, p.a.	plastic	**T196.1**	1 l	~~42,90~~	**34,25**
			T196.2	2.5 l	~~82,25~~	**65,75**
			T196.3	5 l	~~131,70~~	**105,35**
			T196.7	25 l	~~504,20~~	**403,30**
	25 %, p.a.	plastic	**22E2.1**	1 l	~~33,25~~	**26,55**
			22E2.2	2.5 l	~~66,55~~	**53,20**
			22E2.3	5 l	~~120,95~~	**96,75**
			22E2.4	10 l	~~209,65~~	**167,70**
			22E2.5	25 l	~~450,45~~	**360,30**
	20 %, p.a.	plastic	**22E3.1**	1 l	~~31,75~~	**25,35**
			22E3.2	2.5 l	~~61,20~~	**48,90**
			22E3.3	5 l	~~110,20~~	**88,15**
			22E3.4	10 l	~~192,45~~	**153,90**
			22E3.5	25 l	~~418,20~~	**334,50**
	10 %, p.a.	plastic	**22E4.1**	1 l	~~30,00~~	**23,95**
			22E4.2	2.5 l	~~56,90~~	**45,45**
			22E4.3	5 l	~~99,45~~	**79,55**
			22E4.4	10 l	~~177,40~~	**141,90**
			22E4.5	25 l	~~342,95~~	**274,30**
	5 %, p.a.	plastic	**22E5.1**	1 l	~~27,85~~	**22,25**
			22E5.2	2.5 l	~~50,00~~	**39,95**
			22E5.3	5 l	~~89,15~~	**71,25**
			22E5.4	10 l	~~149,45~~	**119,50**
			22E5.5	25 l	~~295,65~~	**236,50**

For safety information and additional data, see www.carlroth.com

Dyes, Indicator Solutions and Moisture Indicators

-20 %



Indicator solutions – ready to use

Product name	Purity	Art. No.	Pack Qty.	€	€
Bromothymol blue indicator solution	0,04 % in water	**9947.1**	100 ml	~~53,65~~	**42,85**
Methyl orange indicator solution	0,1 % in water	**T119.1**	500 ml	~~27,85~~	**22,25**
		T119.2	1 l	~~48,95~~	**39,10**
Methyl red indicator solution	0,1 % in ethanol, denatured	**T121.1**	250 ml	~~41,85~~	**33,40**
		T121.2	1 l	~~107,00~~	**85,55**
Mixed indicator 5	for ammonia titration	**T125.1**	250 ml	~~155,90~~	**124,70**
Phenolphthalein indicator solution	1 % in ethanol 90 %, denatured	**K034.1**	250 ml	~~30,00~~	**23,95**
		K034.2	500 ml	~~42,50~~	**33,95**
		K034.3	1 l	~~61,85~~	**49,45**
Starch indicator solution	1 % in water, stabilised	**T133.1**	500 ml	~~36,45~~	**29,10**

For safety information and additional data, see www.carlroth.com

Dyes

Product name	Purity	Art. No.	Pack Qty.	€	€
Brilliant blue FCF (C.I. 42090)	extra pure	**2981.1**	10 g	~~18,85~~	**15,05**
		2981.3	100 g	~~75,80~~	**60,60**
		2981.4	1 kg	~~375,20~~	**300,10**
Brilliant green (C.I. 42040)	for microscopy	**0324.1**	25 g	~~30,00~~	**23,95**
		0324.3	50 g	~~55,80~~	**44,60**
		0324.2	100 g	~~92,35~~	**73,85**
Crystal violet (C.I. 42555)	p.a.	**T123.2**	5 g	~~25,30~~	**20,20**
		T123.1	25 g	~~40,35~~	**32,25**
		T123.3	100 g	~~97,75~~	**78,15**
Eriochrome black T (C.I. 14645)	p.a.	**0112.1**	25 g	~~23,15~~	**18,45**
		0112.3	100 g	~~73,00~~	**58,35**
		0112.6	500 g	~~278,45~~	**222,70**
Fluorescein disodium salt (C.I. 45350)	extra concentrated	**5283.1**	100 g	~~50,45~~	**40,30**
		5283.2	500 g	~~166,65~~	**133,30**
		5283.5	2.5 kg	~~622,45~~	**497,90**
Luminol	≥95 %, for synthesis	**4203.1**	5 g	~~69,35~~	**55,45**
		4203.2	25 g	~~256,95~~	**205,50**
		4203.3	100 g	~~955,70~~	**764,50**
Methylene blue (C. I. 52015)	pure	**A514.1**	10 g	~~26,35~~	**21,05**
		A514.2	50 g	~~69,35~~	**55,45**
		A514.3	100 g	~~117,20~~	**93,70**
Nile red	extra pure	**7726.1**	1 g	~~57,95~~	**46,30**
		7726.2	5 g	~~220,40~~	**176,30**
		7726.3	10 g	~~428,95~~	**343,10**
Ninhydrin	≥99 %, p.a., ACS	**4378.1**	25 g	~~57,55~~	**46,00**
		4378.2	100 g	~~145,15~~	**116,10**
		4378.3	500 g	~~557,95~~	**446,30**
Phenolphthalein (C.I. 764)	≥97 %, p.a., ACS	**T126.2**	50 g	~~24,20~~	**19,35**
		T126.1	100 g	~~33,25~~	**26,55**
		T126.3	500 g	~~91,95~~	**73,50**

For safety information and additional data, see www.carlroth.com

Silica gels with a Moisture Indicator

Indicator silica gels provide reliable protection for moisture-sensitive goods during transport and storage. They efficiently adsorb water vapor from the environment and indicate saturation via a clear color change. Suitable for drying gases, solids, and enclosed systems.



Product name	Purity	Regeneration	Art. No.	Pack Qty.	€	€
Silica gel blue	2–4 mm, with indicator, beads	80–100 °C, approx. 2-4 hours	**2440.2**	1 kg	~~38,60~~	**30,85**
			2440.3	2.5 kg	~~77,30~~	**61,80**
			2440.4	10 kg	~~256,95~~	**205,50**
Silica gel yellow/blue	2.5–6 mm, with indicator, fractured	120 °C, approx. 4 hours	**3650.2**	1 kg	~~50,45~~	**40,30**
			3650.3	2.5 kg	~~105,90~~	**84,70**
			3650.4	10 kg	~~342,95~~	**274,30**
Silica gel orange	2–5 mm, with indicator, beads	130 °C, approx. 4 hours	**P077.4**	500 g	~~38,60~~	**30,85**
			P077.2	2.5 kg	~~138,70~~	**110,90**
			P077.3	10 kg	~~424,65~~	**339,70**
Silica gel orange/green	2–5 mm, with indicator, beads	110 °C, approx. 3–4 hours	**1779.2**	1 kg	~~47,85~~	**38,25**
			1779.3	2.5 kg	~~95,60~~	**76,40**
			1779.4	10 kg	~~299,95~~	**239,90**
Silica gel red/yellow	1–3 mm, with indicator, beads	120 °C, approx. 4 hours	**3955.2**	1 kg	~~47,85~~	**38,25**
			3955.3	2.5 kg	~~95,60~~	**76,40**
			3955.4	10 kg	~~299,95~~	**239,90**
	3–6 mm, with indicator, beads	120 °C, approx. 4 hours	**4111.2**	1 kg	~~38,60~~	**30,85**
			4111.3	2.5 kg	~~77,30~~	**61,80**
			4111.4	10 kg	~~256,95~~	**205,50**

For safety information and additional data, see www.carlroth.com

Peptide Synthesis - PEPTIPURE®

-20 %

D-, DL- and L-amino acids

Arginine

Product name	Brand/Purity	Pack.	Art. No.	Pack Qty.	€	€
DL-Arginine	≥98,5 %, for biochemistry	plastic	**8592.1**	5 g	~~27,45~~	**21,90**
			8592.2	25 g	~~83,35~~	**66,65**
			8592.3	100 g	~~256,95~~	**205,50**
L-Arginine	CELLPURE® ≥99 %	plastic	**1655.1**	25 g	~~14,95~~	**11,90**
			1655.2	100 g	~~36,45~~	**29,10**
			1655.3	500 g	~~123,65~~	**98,90**
	≥98,5 %, USP, for biochemistry	plastic	**3144.1**	50 g	~~23,15~~	**18,45**
			3144.3	250 g	~~61,85~~	**49,45**
			3144.2	1 kg	~~193,50~~	**154,80**
D-Arginine monohydrochloride	≥99 %, for biochemistry	plastic	**7868.1**	1 g	~~33,25~~	**26,55**
			7868.2	5 g	~~95,15~~	**76,10**
			7868.3	25 g	~~267,70~~	**214,10**
DL-Arginine monohydrochloride	≥98 %, for biochemistry	plastic	**4925.1**	5 g	~~107,40~~	**85,85**
L-Arginine monohydrochloride	CELLPURE® ≥98,5 %	plastic	**1689.1**	25 g	~~21,00~~	**16,75**
			1689.2	100 g	~~37,55~~	**29,95**
			1689.3	500 g	~~123,65~~	**98,90**
	≥98,5 %, Ph. Eur., USP	plastic	**3145.1**	50 g	~~23,15~~	**18,45**
			3145.2	250 g	~~65,50~~	**52,35**

For safety information and additional data, see www.carlroth.com

Glycine

Brand/Purity	Pack.	Art. No.	Pack Qty.	€	€
≥99 %, Blotting Grade	plastic	**0079.1**	250 g	~~33,90~~	**27,05**
		0079.2	500 g	~~62,25~~	**49,75**
		0079.3	1 kg	~~109,15~~	**87,25**
		0079.4	2.5 kg	~~209,65~~	**167,70**
PUFFERAN® ≥99 %, p.a.	plastic	**3908.1**	250 g	~~31,75~~	**25,35**
		3908.2	1 kg	~~103,10~~	**82,45**
		3908.4	2.5 kg	~~192,45~~	**153,90**
		3908.3	5 kg	~~284,90~~	**227,90**
		3908.6	10 kg	~~504,20~~	**403,30**
		3908.5	25 kg	~~1106,20~~	**884,90**
CELLPURE® ≥99 %	plastic	**HN07.1**	100 g	~~22,50~~	**17,95**
		HN07.2	500 g	~~67,20~~	**53,75**
		HN07.3	1 kg	~~117,20~~	**93,70**
≥98,5 %, Ph. Eur., USP	plastic	**T873.1**	250 g	~~34,95~~	**27,95**
		T873.3	500 g	~~64,00~~	**51,15**
		T873.2	1 kg	~~110,20~~	**88,15**
		T873.4	2.5 kg	~~241,90~~	**193,50**
≥99 %, for biochemistry	plastic	**3187.1**	250 g	~~25,30~~	**20,20**
		3187.2	500 g	~~35,40~~	**28,25**
		3187.3	1 kg	~~54,30~~	**43,40**
		3187.5	2.5 kg	~~107,40~~	**85,85**
		3187.4	5 kg	~~206,95~~	**165,55**
		3187.6	10 kg	~~349,40~~	**279,50**
		3187.7	25 kg	~~661,15~~	**528,90**
≥99 %, for synthesis	plastic	**3790.1**	250 g	~~22,50~~	**17,95**
		3790.2	1 kg	~~47,85~~	**38,25**
		3790.4	2.5 kg	~~97,75~~	**78,15**
		3790.3	5 kg	~~170,95~~	**136,70**
		3790.5	10 kg	~~314,45~~	**251,55**
		3790.6	25 kg	~~618,15~~	**494,50**

For safety information and additional data, see www.carlroth.com

Histidine

Product name	Brand/Purity	Pack.	Art. No.	Pack Qty.	€	€
D-Histidine	≥98 %, for biochemistry	plastic	**7880.1**	5 g	~~64,40~~	**51,45**
			7880.2	25 g	~~188,15~~	**150,50**
DL-Histidine	≥98,5 %, for biochemistry	plastic	**8597.1**	5 g	~~40,75~~	**32,55**
			8597.2	25 g	~~117,20~~	**93,70**
			8597.3	100 g	~~385,95~~	**308,70**
L-Histidine	CELLPURE® ≥99 %	plastic	**1696.1**	25 g	~~35,40~~	**28,25**
			1696.2	100 g	~~78,40~~	**62,65**
			1696.3	500 g	~~317,15~~	**253,70**
	≥98,5 %, Ph. Eur., for biochemistry	plastic	**3852.1**	25 g	~~23,15~~	**18,45**
			3852.3	100 g	~~65,05~~	**52,00**
			3852.2	1 kg	~~478,40~~	**382,70**
L-Histidine hydrochloride monohydrate	CELLPURE® ≥99 %	plastic	**1697.1**	25 g	~~30,65~~	**24,50**
			1697.2	100 g	~~75,15~~	**60,05**
			1697.3	500 g	~~295,65~~	**236,50**
	≥98,5 %, Ph. Eur., for biochemistry	plastic	**9455.1**	100 g	~~55,80~~	**44,60**
			9455.3	250 g	~~117,20~~	**93,70**
			9455.2	500 g	~~220,40~~	**176,30**

For safety information and additional data, see www.carlroth.com

Lysine

Product name	Brand/Purity	Pack.	Art. No.	Pack Qty.	€	€
L-Lysine monohydrate	CELLPURE® ≥98,5 %	plastic	**6829.1**	25 g	~~73,00~~	**58,35**
			6829.2	100 g	~~155,90~~	**124,70**
			6829.3	500 g	~~590,20~~	**472,10**
	≥98,5 %, for biochemistry	plastic	**4207.1**	25 g	~~66,55~~	**53,20**
			4207.2	100 g	~~142,45~~	**113,95**
D-Lysine hydrochloride	≥99 %, for biochemistry	glass	**7883.1**	1 g	~~33,25~~	**26,55**
		plastic	**7883.2**	5 g	~~74,75~~	**59,75**
			7883.3	25 g	~~177,40~~	**141,90**
DL-Lysine hydrochloride	≥98 %, for biochemistry	glass	**8600.1**	500 mg	~~24,20~~	**19,35**
			8600.2	1 g	~~40,75~~	**32,55**
		plastic	**8600.3**	5 g	~~74,10~~	**59,20**
L-Lysine hydrochloride	CELLPURE® ≥98,5 %	plastic	**1700.1**	25 g	~~21,40~~	**17,05**
			1700.2	100 g	~~47,20~~	**37,70**
			1700.3	500 g	~~166,65~~	**133,30**
	≥98,5 %, USP, for biochemistry	plastic	**9357.1**	100 g	~~30,65~~	**24,50**
			9357.3	250 g	~~59,70~~	**47,70**
			9357.4	500 g	~~107,40~~	**85,85**
			9357.2	1 kg	~~192,45~~	**153,90**

For safety information and additional data, see www.carlroth.com

Proline

Product name	Brand/Purity	Pack.	Art. No.	Pack Qty.	€	€
D-Proline	≥98,5 %, for biochemistry	glass	**7888.1**	1 g	~~32,15~~	**25,65**
		plastic	**7888.2**	5 g	~~95,70~~	**76,50**
			7888.3	25 g	~~241,90~~	**193,50**
DL-Proline	≥99 %, for biochemistry	plastic	**5267.1**	5 g	~~35,40~~	**28,25**
			5267.2	10 g	~~65,05~~	**52,00**
			5267.3	25 g	~~131,70~~	**105,35**
L-Proline	CELLPURE® ≥98,5 %	plastic	**1713.1**	25 g	~~41,40~~	**33,10**
			1713.2	100 g	~~103,75~~	**82,95**
			1713.3	500 g	~~381,65~~	**305,30**
	≥98,5 %, Ph. Eur., for biochemistry	plastic	**T205.1**	25 g	~~34,30~~	**27,40**
			T205.2	100 g	~~87,65~~	**70,05**
			T205.3	500 g	~~327,90~~	**262,30**

For safety information and additional data, see www.carlroth.com

Protective groups for Peptide Synthesis

Product name	Brand/Purity	Protecting group (short name)	Removal	Possible removal reagents	Art. No.	Pack Qty.	€	€
9-Fluorenylmethoxycarbonyl chloride (Fmoc-Cl)	PEPTIPURE® ≥98 %, for peptide synthesis	Fluorenylmethyl (Fmoc)	alkaline	Piperidine (A122) in dimethylformamide (A529) Morpholine (9691) in diethylformamide (A529)	**2201.1**	5 g	~~27,85~~	**22,25**
					2201.2	25 g	~~64,00~~	**51,15**
					2201.3	100 g	~~188,15~~	**150,50**
Trimethylchlorosilane	PEPTIPURE® ≥99 %, for the GC	Trimethylsilyl (TMS)	acidic, alkaline, fluoride ions	Acetic acid (4340 oder 4341) Potassium carbonate (P743) in methanol (8388) Potassium fluoride (CN83)	**2338.1**	25 g	~~67,65~~	**54,05**

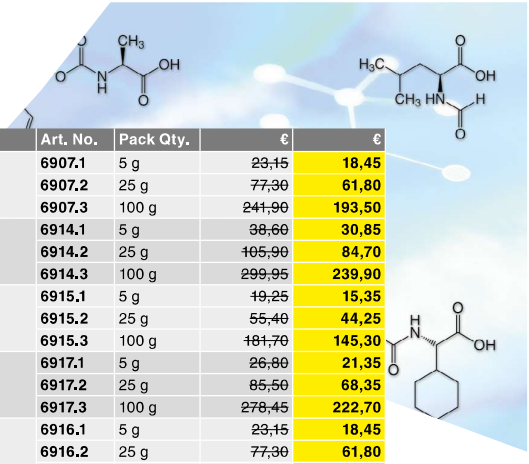
For safety information and additional data, see www.carlroth.com

Peptide Synthesis - PEPTIPURE®

-20 %

Protected Amino Acids

We supply protected amino acids of the highest quality and purity for standard applications in biochemistry and specifically for peptide synthesis.



Product name	Purity	Alternative name	Art. No.	Pack Qty.	€	€
Boc-L-Alanine	≥97 %, for biochemistry	Boc-L-Ala-OH	6907.1	5 g	~~23,15~~	18,45
			6907.2	25 g	~~77,30~~	61,80
			6907.3	100 g	~~241,90~~	193,50
Boc-L-Arginine hydrochloride monohydrate	≥98 %, for biochemistry	Boc-L-Arg-OH	6914.1	5 g	~~38,60~~	30,85
			6914.2	25 g	~~105,90~~	84,70
			6914.3	100 g	~~299,95~~	239,90
Boc-L-Asparagine	≥98 %, for biochemistry	Boc-L-Asn-OH	6915.1	5 g	~~19,25~~	15,35
			6915.2	25 g	~~55,40~~	44,25
			6915.3	100 g	~~181,70~~	145,30
Boc-L-Glutamic acid	≥99 %, for biochemistry	Boc-L-Glu-OH	6917.1	5 g	~~26,80~~	21,35
			6917.2	25 g	~~85,50~~	68,35
			6917.3	100 g	~~278,45~~	222,70
Boc-L-Glutamine	≥97 %, for biochemistry	Boc-L-Gln-OH	6916.1	5 g	~~23,15~~	18,45
			6916.2	25 g	~~77,30~~	61,80
			6916.3	100 g	~~241,90~~	193,50
Boc-Glycine	≥98 %, for biochemistry	Boc-Gly-OH	6918.1	5 g	~~16,70~~	13,30
			6918.2	25 g	~~44,65~~	35,65
			6918.3	100 g	~~142,45~~	113,95
Boc-L-Phenylalanine	≥99 %, for biochemistry	Boc-L-Phe-OH	6931.1	5 g	~~26,35~~	21,05
			6931.2	25 g	~~79,05~~	63,20
			6931.3	100 g	~~241,90~~	193,50
Fmoc-L-Alanine monohydrate	≥98 %, for biochemistry	Fmoc-L-Ala-OH	6646.1	10 g	~~25,70~~	20,50
			6646.2	50 g	~~76,90~~	61,45
			6646.3	250 g	~~299,95~~	239,90
			6646.4	500 g	~~579,45~~	463,50
			6646.5	1 kg	~~1069,65~~	855,70
Fmoc-L-Arginine	≥98 %, for biochemistry	Fmoc-L-Arg-OH	6896.1	5 g	~~42,50~~	33,95
			6896.2	25 g	~~160,20~~	128,10
Fmoc-L-Asparagine	≥98,5 %, for biochemistry	Fmoc-L-Asn-OH	6897.1	5 g	~~23,15~~	18,45
			6897.2	25 g	~~73,00~~	58,35
			6897.3	100 g	~~224,70~~	179,70
Fmoc-L-Aspartic acid-(OtBu)	≥96 %, for biochemistry	Fmoc-L-Asp(OtBu)-OH	9654.1	5 g	~~31,75~~	25,35
			9654.2	25 g	~~94,50~~	75,55
			9654.3	100 g	~~299,95~~	239,90
Fmoc-L-Glutamine	≥98 %, for biochemistry	Fmoc-L-Gln-OH	6898.1	5 g	~~25,70~~	20,50
			6898.2	25 g	~~79,05~~	63,20
			6898.3	100 g	~~256,95~~	205,50
Fmoc-Glycine	≥99 %, for biochemistry	Fmoc-Gly-OH	6899.1	5 g	~~17,10~~	13,65
			6899.2	25 g	~~46,80~~	37,40
			6899.3	100 g	~~160,20~~	128,10

For safety information and additional data, see www.carlroth.com

► Further protected amino acids and protecting groups for peptide synthesis at www.carlroth.com

Resins for Peptide Synthesis



2-Chlorotrityl chloride resin

PEPTIPURE® 100–200 mesh, 1 % DVB

Art. No.	Pack Qty.	Pack.	€	€
7405.1	5 g	plastic	~~110,20~~	88,15
7405.2	25 g	plastic	~~413,90~~	331,10

Rink amide resin

PEPTIPURE® 100–200 mesh, 1 % DVB

Art. No.	Pack Qty.	Pack.	€	€
7515.1	1 g	glass	~~49,35~~	39,45
7515.2	5 g	plastic	~~209,65~~	167,70

Peltatoside

ROTICHROM® HPLC

Storage temperature: +4 °C

Art. No.	Pack Qty.	Pack.	€	€
7406.1	10 mg	glass	~~418,20~~	334,50

Wang resin

PEPTIPURE® 100–200 mesh, 1 % DVB

Storage temperature: +4 °C

Art. No.	Pack Qty.	Pack.	€	€
7506.1	1 g	glass	~~22,05~~	17,60
7506.2	5 g	plastic	~~55,80~~	44,60
7506.3	25 g	plastic	~~224,70~~	179,70

Reagents for Peptide Synthesis -20 %

Coupling Reagents

DCC

PEPTIPURE® ≥98 %

Danger H302-H311-H317-H318

Art. No.	Pack Qty.	Pack.	€	€
4193.1	100 g	glass	~~26,80~~	21,35
4193.2	250 g	glass	~~54,75~~	43,75
4193.3	500 g	glass	~~95,15~~	76,10
4193.4	1 kg	glass	~~177,40~~	141,90
4193.5	2.5 kg	glass	~~375,20~~	300,10

DIC

PEPTIPURE® ≥99 %

Danger
H226-H315-H317-H318-H330-H334-H410

Art. No.	Pack Qty.	Pack.	€	€
6981.1	5 ml	glass	~~27,85~~	22,25
6981.2	25 ml	glass	~~77,95~~	62,35
6981.3	100 ml	glass	~~209,65~~	167,70
6981.4	500 ml	glass	~~697,70~~	558,10

DIPEA

PEPTIPURE® ≥99,5 %, for peptide synthesis

Danger
H225-H302-H318-H331-H335

Art. No.	Pack Qty.	Pack.	€	€
2474.1	100 ml	glass	~~35,40~~	28,25
2474.2	250 ml	glass	~~64,00~~	51,15
2474.3	1 l	glass	~~213,95~~	171,10
2474.4	2.5 l	glass	~~439,70~~	351,70

DMAP

PEPTIPURE® ≥99 %

Danger
H301+H331-H310-H315-H318-H370-H411

Art. No.	Pack Qty.	Pack.	€	€
6988.1	5 g	glass	~~19,25~~	15,35
6988.2	25 g	glass	~~37,55~~	29,95
6988.3	100 g	glass	~~112,90~~	90,30
6988.4	500 g	glass	~~396,70~~	317,30

EDC-HCl

PEPTIPURE® ≥99 %

Storage temperature: –20 °C
Transport temperature: ambient temp.

Danger
H302-H311-H315-H317-H319-H373-H410

Art. No.	Pack Qty.	Pack.	€	€
2156.1	5 g	glass	~~31,75~~	25,35
2156.2	25 g	glass	~~92,35~~	73,85
2156.3	100 g	glass	~~263,40~~	210,70
2156.5	1 kg	glass	~~2252,15~~	1801,70

HATU

PEPTIPURE® ≥99 %

Storage temperature: +4 °C

Danger H315-H317-H319-H334-H335

Art. No.	Pack Qty.	Pack.	€	€
2131.1	5 g	glass	~~74,75~~	59,75
2131.2	25 g	glass	~~274,15~~	219,30

PyBOP®

PEPTIPURE® ≥98,5 %

Storage temperature: +4 °C

Warning H302-H317-H410

Art. No.	Pack Qty.	Pack.	€	€
2178.1	5 g	glass	~~42,50~~	33,95
2178.2	25 g	glass	~~127,95~~	102,30
2178.3	100 g	glass	~~375,20~~	300,10
2178.5	1 kg	glass	~~2676,75~~	2141,40



Reagents for Deprotection and Cleavage

HFIP

PEPTIPURE® ≥99 %, for peptide synthesis

Danger H314-H361fd-H373

Art. No.	Pack Qty.	Pack.	€	€
2473.1	10 ml	glass	~~59,05~~	47,15
2473.2	25 ml	glass	~~117,20~~	93,70
2473.3	100 ml	glass	~~424,65~~	339,70

Piperidine

PEPTIPURE® ≥99,5 %, for peptide synthesis

Danger
H225-H302-H311+H331-H314

Art. No.	Pack Qty.	Pack.	€	€
A122.1	200 ml	glass	~~43,55~~	34,80
A122.2	500 ml	glass	~~82,25~~	65,75
A122.3	1 l	glass	~~134,40~~	107,50
A122.4	2.5 l	glass	~~235,45~~	188,30

Trifluoroacetic acid (TFA)

PEPTIPURE® ≥99,9 %, for peptide synthesis

Danger H290-H314-H332-H412

Art. No.	Pack Qty.	Pack.	€	€
P088.1	100 ml	glass	~~109,15~~	87,25
P088.2	500 ml	glass	~~521,40~~	417,10
P088.3	1 l	glass	~~891,20~~	712,90

Solvents

Dichloromethane

PEPTIPURE® ≥99,9 %, for peptide synthesis, stabilised with amylene

Warning
H315-H319-H336-H351-H420

Art. No.	Pack Qty.	Pack.	€	€
P089.1	2.5 l	glass	~~94,10~~	75,25

N,*N*-Dimethylformamide (DMF)

PEPTIPURE® ≥99,8 %, for peptide synthesis

Danger
H226-H312+H332-H319-H360D

Art. No.	Pack Qty.	Pack.	€	€
A529.3	500 ml	glass	~~57,55~~	46,00
A529.1	2.5 l	glass	~~169,35~~	135,45
A529.7	10 l	plastic	~~289,20~~	231,30
A529.2	25 l	plastic	~~532,15~~	425,70

N-Methyl-2-pyrrolidone (NMP)

PEPTIPURE® ≥99,8 %, for peptide synthesis

Danger H315-H319-H335-H360D

Art. No.	Pack Qty.	Pack.	€	€
P052.1	2.5 l	glass	~~239,20~~	191,35

Accessories for Peptide Synthesis

-20 %





Reactors for Peptide Synthesis

ROTH SELECTION.

Volume (ml)	Version	Art. No.	Pack Qty.	€	€
2	PP, Frit made of PE	**7926.2**	10 unit(s)	~~12,40~~	**9,85**
2	PP, Frit made of PE	**7926.1**	100 unit(s)	~~106,35~~	**85,00**
5	PP, Frit made of PE	**7927.2**	10 unit(s)	~~16,05~~	**12,75**
5	PP, Frit made of PE	**7927.1**	100 unit(s)	~~127,95~~	**102,30**
10	PP, Frit made of PE	**7944.2**	10 unit(s)	~~18,20~~	**14,50**
10	PP, Frit made of PE	**7944.1**	100 unit(s)	~~138,70~~	**110,90**

Frits for Reactors

ROTH SELECTION.

Suitable for	Version	Art. No.	Pack Qty.	€	€
2 ml reactors	PE	**226H.1**	100 unit(s)	~~80,55~~	**64,35**
5 ml reactors	PE	**226K.1**	100 unit(s)	~~123,65~~	**98,90**
10 ml reactors	PE	**226L.1**	100 unit(s)	~~155,90~~	**124,70**
20 ml reactors	PE	**220N.1**	100 unit(s)	~~155,90~~	**124,70**
2 ml reactors	PTFE	**7946.1**	100 unit(s)	~~112,90~~	**90,30**
5 ml reactors	PTFE	**7960.1**	100 unit(s)	~~127,95~~	**102,30**
10 ml reactors	PTFE	**7962.1**	100 unit(s)	~~150,50~~	**120,40**



Luer Stop Caps for Reactors

ROTH SELECTION.

Suitable for	Art. No.	Pack Qty.	€	€
Luer (male and female)	**1Y23.1**	10 unit(s)	~~14,55~~	**11,60**
Luer (male and female)	**1Y23.2**	100 unit(s)	~~104,85~~	**83,85**

Shaker Orbital digital

Heathrow Scientific.

- Circular movement
- Plates, petri dishes, glass flasks and culture bottles can be secured flexibly using elastic bands
- Digital display of speed and operating time
- Electronic speed control with soft start-up
- Loading options: e.g. 9 x 250 ml Erlenmeyer flasks or 4 x 500 ml Erlenmeyer flasks or 4 x 1000 ml Erlenmeyer flasks or 16 x 250 ml beakers or 4 x 1000 ml beakers
- 5 years warranty

Technical specifications:

Art. No.	PY67.1
Type	Digital orbital shaker
Movement type	circular
Speed range	20 to 300 rpm
Shaking amplitude (stroke)	19 mm
Timer	1 min to 49 h or continuous operation
Shaking surface area	279 x 279 mm
W x D x H	314 x 312 x 197 mm
Loading capacity	4.5 kg
Permissible ambient conditions	+2 to +40 °C at 80% RH
Mains connection	100–240 V, 50/60 Hz

Delivery incl. platform with rubber mat and 8 elastic bands.

Type	Art. No.	Pack Qty.		
Digital orbital shaker	**PY67.1**	1 unit(s)	~~1267,45~~	**1013,90**

RECHTSTREEKSE BESTELLINGEN

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CARL ROTH ®