

TRIS

≥99,9 %, Blotting Grade

For Western blotting and immunodetection

Type analysis

Appearance	white cryst. powder
Assay (titr.)	≥99,9 %
Loss on drying	≤0,5 %
pH value (5 % solution)	10,8±0,8
Solubility (40 % w/w in H ₂ O)	complies
In H ₂ O insoluble matter	≤0,011 %
Sulphated ash	≤0,1 %
Lead (Pb)	≤0,0001 %
Chloride (Cl)	≤0,001 %
Protease	none detected

Art. No.	Pack Qty.	Pack.
0188.1	250 g	plastic
0188.2	500 g	plastic
0188.3	1 kg	plastic
0188.4	2.5 kg	plastic

For further information see www.carlroth.com

TRIS

CELLPURE® ≥99,9 %

For cell culture, tissue culture and biotechnology.

Guarantee analysis

Endotoxins	≤0,03 EU/mg
Assay (dry substance)	≥99,9 %
Identity	complies
Water	≤0,5 %
Chloride (Cl)	≤0,01 %
Arsenic (As)	≤0,0002 %
Iron (Fe)	≤0,0005 %
Heavy metals (as Pb)	≤0,0001 %
Solubility (40 % w/w in H ₂ O)	clear and colourless
DNases, RNases, Protease	none detected

Absorbance:

260 nm	≤0,03
280 nm	≤0,02

Art. No.	Pack Qty.	Pack.
3170.1	100 g	plastic
3170.2	500 g	plastic

For further information see www.carlroth.com

TRIS

PUFFERAN® ≥99,9 %, Ultra Quality

For all standard applications.

Suitable for pharmaceutical research.

Guarantee analysis

Assay (dry substance)	≥99,9 %
In H ₂ O insoluble matter	≤0,005 %
pH-value (5 % solution)	10,0-11,5
Melting point	168-172 °C
Water	≤0,5 %
Heavy metals (as Pb)	≤0,0001 %

Art. No.	Pack Qty.	Pack.
5429.1	500 g	plastic
5429.3	1 kg	plastic
5429.5	2.5 kg	plastic
5429.2	5 kg	plastic
5429.4	10 kg	plastic

For further information see www.carlroth.com

TRIS

≥99 %, Ph. Eur., USP

Pharmaceutical research and sensitive assays

Guarantee analysis

Appearance	white crystals or white crystal powder
Assay (titr.)	99,0-100,5 %

Identity	complies
pH value (5 %, hydrous sol.)	10,0-11,5
Appearance of solution	clear and colourless
Melting point	168-172 °C
Loss on drying (105 °C)	≤0,5 %
Related substances	≤1,0 %
Sulphated ash	≤0,1 %
Chloride (Cl)	≤0,01 %
Iron (Fe)	≤0,001 %
Heavy metals (as Pb)	≤0,001 %
Endotoxins	≤0,03 EU/mg

Art. No.	Pack Qty.	Pack.
A411.1	500 g	plastic
A411.2	1 kg	plastic
A411.4	2.5 kg	plastic
A411.3	5 kg	plastic

For further information see www.carlroth.com

TRIS

PUFFERAN® ≥99,3 %, Buffer Grade

For electrophoresis buffer and wash solutions.

Guarantee analysis

Appearance	white to off-white crystalline powder
Assay (dry substance)	≥99,3 %
Water	≤0,5 %
pH value (5 % in H ₂ O)	10,0-11,5
Melting point (dry substance)	168-172 °C

Art. No.	Pack Qty.	Pack.
AE15.1	500 g	plastic
AE15.2	1 kg	plastic
AE15.6	2.5 kg	plastic
AE15.3	5 kg	plastic
AE15.4	10 kg	plastic
AE15.5	25 kg	plastic

For further information see www.carlroth.com

TRIS

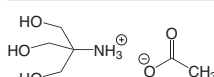
≥99 %, cryst.

Type analysis

Appearance	white to off white crist. powder
Assay (dry substance)	≥99,0 %
Water	≤1,0 %
pH value (5 % in H ₂ O)	10,0-11,5

Art. No.	Pack Qty.	Pack.
2449.1	500 g	plastic
2449.2	1 kg	plastic
2449.3	5 kg	plastic
2449.4	10 kg	plastic
2449.5	25 kg	plastic

TRIS acetate



Tris-(hydroxymethyl)-aminomethane acetate
 $C_8H_{15}NO_5$ · mp 117 to 123 °C
 M 181,19 g/mol
 CAS No. 6850-28-8 · EC no. 229-939-6
 WGK 1

TRIS acetate

PUFFERAN® ≥98 %

Type analysis

Appearance	white crystalline powder
Assay	≥98,0 %
Solubility (0.5 M in H ₂ O)	clear, colorless solution
pH- value (0,5 M, in H ₂ O)	6,0-7,0
Loss on drying	≤3,0 %
Melting point	117-123 °C
Chloride (Cl)	≤0,005 %
Sulphate (SO ₄)	≤0,005 %

Heavy metals (as Pb) ≤0,0005 %

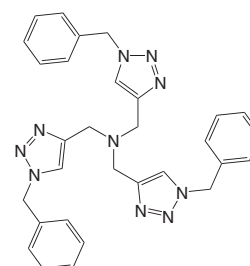
Absorbance:

260 nm	≤0,06
280 nm	≤0,05

Art. No.	Pack Qty.	Pack.
7125.1	25 g	plastic
7125.2	100 g	plastic

For further information see www.carlroth.com

Tris[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]amine (TBTA)



TBTA

$C_{30}H_{30}N_{10}$ · mp 132 to 143 °C

M 530,63 g/mol

CAS No. 510758-28-8

WGK 1

Tris[(1-benzyl-1H-1,2,3-triazol-4-yl)methyl]amine (TBTA)

≥95 %, baseclick Grade

baseclick.

"baseclick-grade" ligand in high quality for optimal yield in organic solution

If you want to perform click reactions in organic media using e.g. CuBr as catalytic source, TBTA is the right ligand to use. It speeds-up the reactions plus maintaining the Cu(I) oxidation state of the copper source to protect your biomolecules from damage and degradation.

Storage temperature: -20 °C

Transport temperature: cooled

Type analysis

Appearance	white to off-white powder
Assay (H-NMR)	≥95 %

Art. No.	Pack Qty.	Pack.
7814.1	5 mg	plastic
7814.2	10 mg	plastic
7814.4	100 mg	plastic

Tris buffered saline

▶ ROTI®Fair TBS 7.6 see page 576

▶ ROTI®Fair TBS 8.0 see page 576

Tris buffered saline with Tween

▶ ROTI®Fair TBST 7.6 see page 577