TAE 10X BUFFER pH = 8,3

TA0010 TAE 10X buffer pH = 8,3, molecular biology grade

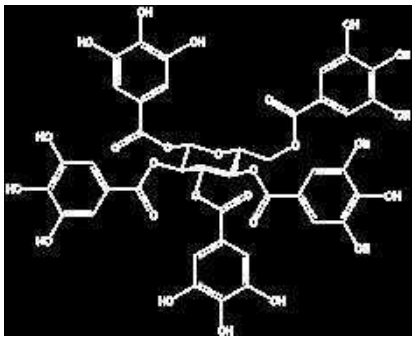
- Synonyms: TRIS-Acetate-EDTA
- Density: 1,016 g/cm^3
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, for electrophoresis, for determination of: nucleic acids.

pH . . . . . 8,2 - 8,4
composition: tris-(hydroxymethyl)-aminomethane 0,40 M / EDTA 0,01 M / acetic acid 0,20 M
DNases, RNases, Proteases . . . . . non detected

ART. NO.	VOLUME	CONTAINER
TA00101000	1 l	
TA0010010C	10 l	

TANNIC ACID

AC2090 Tannic acid, EssentQ®



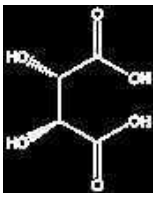
- Synonyms: Tannin
- $C_{76}H_{52}O_{46}$
- M = 1701,22 g/mol
- CAS [1401-55-4]
- EINECS-No.: 215-753-2
- Solub. in water: (20 °C): 250 g/l
- Tariff number: 3201 90 90 80
- Applications: laboratory reagent, synthesis of organic products, chromatography (absorbent for: proteins).

arsenic (As) . . . . . max. 3 ppm
heavy metals (as Pb) . . . . . .max. 0,003 %
residue on ignition . . . . . max. 0,1 %
loss on drying . . . . . max. 12 %

ART. NO.	VOLUME	CONTAINER
AC20900250	250 g	
AC20901000	1 kg	

L(+)-TARTARIC ACID

AC3001 L(+)-Tartaric acid, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



- Synonyms: 2,3-Dihydroxybutanedioic acid
- $C_4H_6O_6$
- M = 150,09 g/mol
- CAS [87-69-4]
- EINECS-No.: 201-766-0
- Solub. in water: (20 °C): soluble
- Melting point: 170 °C
- Ignition temp.: 425 °C
- GHS-signal word: Danger
- GHS-H sentences: H318 -
- GHS-P sentences: P280 - P305 + P351 + P338 - P310 -
- Tariff number: 2918 12 00 00
- Applications: in food industry, acidifying agent, photography, cosmetics, in porcelain industry, in the textile industry, in buffer solutions (for pharmaceutical use).

assay (acidimetric) . . . . . min. 99,5 %
assay (acidimetric, on dried sample) . . . . . 99,5 - 101,0 %
identification . . . . . .passes test
appearance of solution . . . . . .passes test
insoluble in water . . . . . .max. 0,005 %
Specific rotation ([α]20°/D, c=20, H_2O on dried sample) . . . . . + 12,0° - + 12,8°
chlorides (Cl) . . . . . max. 5 ppm
phosphates (as PO_4) . . . . . .max. 0,001 %
sulfates (SO_4) . . . . . max. 150 ppm
calcium (Ca) . . . . . .max. 0,002 %
copper (Cu) . . . . . max. 5 ppm
heavy metals (as Pb) . . . . . max. 5 ppm
iron (Fe) . . . . . max. 5 ppm
lead (Pb) . . . . . max. 5 ppm
oxalic acid ($C_2H_2O_4$) . . . . . max. 360 ppm
oxalates (C_2O_4) . . . . . .passes test
sulphur compounds (as SO_4) . . . . . .max. 0,002 %
residue on ignition (EP) . . . . . max. 0,1 %
residue on ignition (ISO) . . . . . .max. 0,01 %
residue on ignition (ACS) . . . . . .max. 0,02 %
loss on drying (105 °C) . . . . . .max. 0,2 %

ART. NO.	VOLUME	CONTAINER
AC30010500	500 g	
AC30011000	1 kg	
AC3001005P	5 kg	
AC3001025P	25 kg	