

T | L(+)-Tartaric acid potassium sodium salt tetrahydrate

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See L(+)-Potassium sodium tartrate tetrahydrate p.388

(R,R)-(+)-Tartaric acid potassium sodium salt tetrahydrate

See L(+)-Potassium sodium tartrate tetrahydrate p.388

(R,R)-(+)-Tartaric acid

See L(+)-Tartaric acid p.494

L(+)-Tartaric acid

(R,R)-(+)-Tartaric acid, natural tartaric acid,
(R,R)-(+)-2,3-Dihydroxysuccinic acid

Warning

H319
P280 P305+P351+P338

CAS 87-69-4

EINECS: 201-766-0

Flash Pt: 150 °C (closed cup)

C₄H₆O₆

M.W. 150.09 g/mol

Density: 1.759 g/cm³ (20 °C)

Boiling Pt: 399 °C (1013 hPa)

Melting Pt: 168 to 170 °C

Storage Temperature: Ambient temperature



L(+)-Tartaric acid AnalR NORMAPUR® analytical reagent

Assay.....	Min. 99.5 %	Heavy metals (as Pb).....	Max. 5 ppm
Ignition residue (SO _x).....	Max. 100 ppm	Insolubility in water.....	Max. 50 ppm
CO _x (Oxalate).....	Max. 0.1 %	Cl (Chloride).....	Max. 5 ppm
PO _x (Phosphate).....	Max. 10 ppm	SO _x (Sulphate).....	Max. 50 ppm
Ca (Calcium).....	Max. 20 ppm	Fe (Iron).....	Max. 5 ppm

Cat. No.	Pk	Pack type
20718.233	250 g	Plastic bottle for solids
20718.290	1 kg	Plastic bottle for solids

L(+)-Tartaric acid, powder Ph. Eur.

Assay (calculated on dried substance).....	99.5 to 101.0 %
Appearance.....	White crystalline powder
Identification A.....	Passes test
Identification B.....	Passes test
Solution 5.....	Passes test
Appearance of solution.....	Passes test
Spec. opt. rotation (dried substance).....	12.0 to 12.8 °
Oxalic acid.....	Max. 350 ppm
Cl (Chloride).....	Max. 100 ppm
SO _x (Sulphate).....	Max. 150 ppm
Ca (Calcium).....	Max. 200 ppm
Heavy metals (as Pb).....	Max. 10 ppm
Loss on drying (105°C).....	Max. 0.2 %
Sulphated ash.....	Max. 0.1 %
Residual solvents.....	Passes test

Cat. No.	Pk	Pack type
83511.290	1 kg	Plastic bottle for solids
83511.360	5 kg	Plastic bottle for solids

L(+)-Tartaric acid, crystallized GPR RECTAPUR®

Assay.....	Min. 99 %
Heavy metals (as Pb).....	Max. 20 ppm
Ignition residue (SO _x).....	Max. 0.2 %
Cl (Chloride).....	Max. 50 ppm
Fe (Iron).....	Max. 20 ppm

Cat. No.	Pk	Pack type
20715.290	1 kg	Plastic bottle for solids
20715.368	5 kg	Plastic bottle for solids

TBE powder - disodium

VWR CHEMICALS TBE powder - disodium, ultrapure

Foil pouch contains sufficient material to prepare 1 l of 10X concentrate. A single strength (1X) solution contains 0.089 M Tris Base; 0.089 M Boric Acid; and 0.002 M EDTA, Disodium Salt, Dihydrate with a final pH of 8.3.

Conductivity (1.703%, Water) @25 °C..... 750 - 1250 umhos
pH (1.703%, Water) @25 °C..... 8.2 - 8.4
Solubility (17.03%, Water)..... PASS

Cat. No.	Pk	Pack type
J490-2PK	2	Pouch

TBE buffer solution 10x concentrate (TRIS-borate-EDTA buffer)

Danger

H360FD H319 H335 H315
P201 P281 P302+P352 P304+P340 P305+P351+P338
P312

Density: 1.06 g/cm³ (20 °C)

Storage Temperature: Ambient temperature



TBE buffer solution 10x concentrate (TRIS-borate-EDTA buffer) Electran® for electrophoresis

10x concentrated solution of 0.9 M Tris, 0.9 M borate and 0.02 M EDTA pH 8.3 in distilled, deionised water.

Cat. No.	Pk	Pack type
444136G	5 l	Plastic container

VWR CHEMICALS TBE buffer solution 10x concentrate (TRIS-borate-EDTA buffer), ultrapure

Available in powder or Ready-Pack™ foil pouch. Composition of (1X) TBE buffer: 0.089 M Tris base; 0.089 M boric acid; 0.002 M EDTA, free acid; final pH 8.3.

Each Ready-Pak™ prepares 1 l of 10X concentrate. One 40 l pack prepares 4 l of 1X.

DNase.....	NONE
pH (1X Concentration) @25 °C.....	8.1 - 8.5
Protease.....	NONE
RNase.....	NONE
Solubility (1X Concentration).....	PASS

Cat. No.	Pk	Pack type
0478-2PK	2	Pouch
0478-40L	1 kg	Plastic bottle for solids

VWR CHEMICALS TBE buffer solution 10x concentrate (TRIS-borate-EDTA buffer), ultrapure

Composition of (1X) solution contains 0.089 M Tris base, 0.089 M borate and 0.002 M EDTA, disodium salt, dihydrate with a final pH of 8.3.

Conductivity (1:10) @25 °C.....	750 - 1250 umhos
DNase.....	NONE
pH (1:10) @25 °C.....	8.2 - 8.4
Protease.....	NONE
RNase.....	NONE

Cat. No.	Pk	Pack type
0658-500ML	500 ml	Plastic bottle
0658-1L	1 l	Plastic bottle for solids
0658-4L	4 l	Bag-in-box (Cubitainer)

VWR CHEMICALS TBE buffer solution 10x concentrate (TRIS-borate-EDTA buffer)

pH (1:10) @25 °C..... 8.20 - 8.40

Cat. No.	Pk	Pack type
E442-500ML	500 ml	Plastic bottle