

Specification

Tris (USP, BP, Ph. Eur.) pure, pharma grade

141940

Solubility:	800 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	141940
Product Name:	Tris (USP, BP, Ph. Eur.) pure, pharma grade
Specifications:	Assay (titr., calc. on dried subst.): 99.0 - 100.5 % Appearance of solution: passes test Residue on ignition: max. 0.1 % Identity: passes test pH (5 %; H₂O): 10.0 - 11.5 Heavy metals (as Pb): max. 0.001 % Loss on drying (3 h; 105°C): max. 0.5 % Related subst.: passes test Melting range: 168 - 172°C Residual solvents (Ph. Eur./USP): passes test Insoluble matter in H₂O: max. 0.025 % Chloride: max. 0.003 % Fe: max. 0.001 % As: max. 0.0001 % Elemental impurities (according to ICH Q3D): Class 1 (Cd): max. 0.5 ppm Class 2B (Au): max. 10 ppm Class 2B (Rh): max. 10 ppm Class 2A (Co): max. 5 ppm Class 3 (Li): max. 55 ppm Class 1 (Pb): max. 0.5 ppm Class 1 (As): max. 1 ppm Class 1 (Hg): max. 1.5 ppm Class 2A (V): max. 10 ppm Class 2A (Ni): max. 20 ppm Class 2B (Ti): max. 2 ppm

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	Class 2B (Pd): max. 10 ppm Class 2B (Ir): max. 10 ppm Class 2B (Os): max. 10 ppm Class 2B (Ru): max. 10 ppm Class 2B (Pt): max. 10 ppm Class 2B (Se): max. 15 ppm Class 2B (Ag): max. 15 ppm Class 3 (Sb): max. 120 ppm Class 3 (Ba): max. 140 ppm Class 3 (Mo): max. 25 ppm Class 3 (Cr): max. 25 ppm Class 3 (Cu): max. 250 ppm Class 3 (Sn): max. 600 ppm
WGK:	1
Storage:	RT
Molecular Formula:	C ₄ H ₁₁ NO ₃
M:	121.14 g/mol
CAS:	77-86-1
EINECS:	201-064-4
CS:	29221900

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