

tris base buffer - Pr. Eco-Nano

I.D.: 42108267

Data publicarii	26.02.19	Coduri CPV	33696500-0
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Pretul estimativ: 919,00 RON - 919,00 RON

Descriere: Synonyms: 2-Amino-2-(hydroxymethyl)-1,3-propanediol, Tromethamine, THAM, TRIS buffer - C₄H₁₁NO₃ - M = 121,14 g/mol - CAS [77-86-1] - EINECS-No.: 201-064-4 - Solub. in water: (20 °C): 800 g/l - Melting point: 172 - 173 °C - Boiling point: (13,3 hPa) 219 - 220 °C - LD 50 (oral, rat): 5900 mg/kg - GHS-signal word: Warning - GHS-H sentences: H315 - H319 - GHS-P sentences: P280 - P305+P351+P338 - P321 - P362 - P332+P313 - P337+P313 - Tariff number: 2922 19 85 90 - Applications: analytical chemistry, in buffer solutions, in biochemistry, laboratory reagent, in the pharmaceuticals industry, emulsifier (cosmetics), for the synthesis of: tensoactives. SPECIFICATIONS assay (acidimetric, on dried sample): 99,8 - 100,1 % identity: passes test appearance of solution: clear insoluble in water: max. 0,003 % pH (5 %, H₂O): 10,3 - 10,9 chlorides (Cl): max. 0,0005 % sulfates (SO₄) : max. 0,0005 % arsenic (As): max. 0,00002 % cadmium (Cd): max. 0,00001 % calcium (Ca): max. 0,0001 % copper (Cu): max. 0,00001 % heavy metals (as Pb): max. 0,0005% iron (Fe): max. 0,00002 % lead (Pb): max. 0,00001 % magnesium (Mg): max. 0,00003 % potassium (K): max. 0,00003 % sodium (Na): max. 0,0001 % zinc (Zn): max. 0,00001 % related substances (TLC): passes test loss on drying (105 °C): max. 0,5 % residue on ignition: max. 0,01 % water (K.F.): max. 0,1 % absorbance (40 %, 1 cm, H₂O): at wavelegth : 290 nm: max. 0,2 AU
