

TRIS(HYDROXY METHYL) AMINOMETHANE ACETATE

PRODUCT CODE	251245
SYNONYMS	(Tris acetate buffer)
C.I. NO.	--
CASR NO.	(6850-28-8)
ATOMIC OR MOLECULAR FORMULA	$C_4H_{11}NO_3 \cdot C_2H_4O_2$
ATOMIC OR MOLECULAR WEIGHT	181.2
PROPERTIES	--
PARAMETER	LIMIT
Description	White crystals / crystalline powder.
Solubility	0.5M in water is clear and colourless.
Minimum Assay (Non-aqueous)	99.00%
pH (0.5M Aq. Soln)	6.0 – 7.0
MAXIMUM LIMIT OF IMPURITIES	
Residue on ignition (as SO ₄)	0.1%
Insoluble matter	0.01%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.005%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.0005%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ----- Response : ---	IMDG Code : UN No. : IATA :
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
Hazard Pictogram(s) :--	

Replace date 1-June-2023