

Specification

tri- Sodium citrate dihydrate Molecular biology grade

A4522

Synonym	Citric acid trisodium salt dihydrate, Sodium citrate tribasic
Solubility (25°C)	425 g/L (H ₂ O)
Melting point	150°C
Formula	C ₆ H ₅ Na ₃ O ₇ · 2H ₂ O
M	294.10 g/mol
CAS-No.:	6132-04-3
HS-No.:	29181500
EC-No.:	200-675-3
Storage:	RT
LGK:	10 - 13
Disposal:	14
WGK:	nwg
Specification	
DNases/RNases/Proteases	not detectable
Assay (titr.)	min. 99.5 %
pH (5 %; H₂O)	7.5 - 9.0 (20°C)
Chloride	max. 0.001 %
Phosphate	max. 0.002 %
Sulfate	max. 0.005 %
As	max. 0.00001 %
Ca	max. 0.001 %
Cd	max. 0.0005 %
Cr	max. 0.0005 %
Cu	max. 0.0005 %
Fe	max. 0.0005 %
Mn	max. 0.0005 %
Ni	max. 0.0005 %
Pb	max. 0.0005 %
Zn	max. 0.0005 %