

PRODUCT IDENTITY

PRODUCT NAME	tri-Sodium citrate dihydrate	PRODUCT NUMBER	T433110
Grades & Purity	PharmPure™,USP,JP,BP,Ph.Eur.,crystalline	VERSION	3
CAS NUMBER	6132-04-3	FORMULA	C ₆ H ₅ Na ₃ O ₇ ·2H ₂ O
FORMULA WEIGHT	294.10g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Assay(Perchloric acid titration,calc.on anhydrous substance(Ph Eur))	99-101 (%)
Identity(Na)	Passes test
Identity(Citrate)	Passes test
Appearance(T433110)	White to almost white crystals
Solution(100 g/L,CO ₂ -free water),clear and colorless	Pass
Acidity or alkalinity	pass
pH(50 g/L CO ₂ -free water)	7.5-8.5
Chloride(Cl)	0-50 (ppm)
Sulfate(SO ₄)	0-150 (ppm)
Heavy metals(as Pb)	0-5 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Aluminium(Al)	0-5 (ppm)
Arsenic(As)	0-1 (ppm)
Mercury(Hg)	0-1 (ppm)
Lead(Pb)	0-1 (ppm)
Oxalates(as C ₂ H ₂ O ₄)	0-100 (ppm)
Tartrate(C ₄ H ₄ O ₆)	Passes test
Readily carbonisable substance	Passes test
Loss on drying(180°C,18h)	10-13 (%)