

PRODUCT IDENTITY

PRODUCT NAME	Sodium citrate dihydrate	PRODUCT NUMBER	S116314
Grades & Purity	ACS, ≥99%(NT)	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
PH at 25°C(5% in water)	7-9
Heavy metal (as Pb)	0-5 (ppm)
Ammonia (NH ₃)	0-0.003 (%)
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Calcium(Ca)	0-0.005 (%)
Chloride (Cl ⁻)	0-0.003 (%)
Insoluble matter in H ₂ O	0-0.005 (%)
Iron(Fe)	0-5 (ppm)
Appearance (S116314)	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure

PARAMETER	SPECIFICATION / LIMIT
Purity(Titration by HClO ₄)	99-102.5 (%)