

Manufacture Of Fine and Speciality Chemicals
Works: Plot no. 1116, Lamadapuraroad, Manjusar-391775, Ta- savli, Dis. Vadodara, Gujarat, India

Office : E-91, Nutan Saurabh Soc, B/H- Vijay Nagar, Harni Road, Vadodara-390006, Gujarat, India,

Tele Fax -0265-2491430, **M** - 09825066430, **Email** : annexe.kalpeshpatel@gmail.com

FINISHED PRODUCT SPECIFICATION

QCD.F.021

Name of Product		: SODIUM CITRATE DIHYDRATE	
Chemical Formula	: Na ₃ C ₆ H ₅ O ₇ .2H ₂ O	Effective Date	: 11/10/2016
Molecular Weight	: 294.10 g/mol	Retest Date	: After 3 Year
CAS No.	: 6132-04-3	Master Copy	: Quality Control
Specification	: Confirmed as IP		
Product Code	: FP009005		
HSN Code	: 29181520		
Department	: Quality Control	Page No.	: 01 of 01
NO.	TEST	SPECIFICATION	
1.	DESCRIPTION	WHITE, GRANULAR CRYSTALS OR WHITE, CRYSTALLINE POWDER	
2.	SOLUBILITY	FREELY SOLUBLE IN WATER; PRACTICALLY INSOLUBLE IN ETHANOL (95%) AND IN ETHER	
3.	IDENTIFICATION	SODIUM = +VE & CITRATE =+VE	
4.	ACIDITY AND ALKALINITY	MAX. 0.5 ML OF 0.05M SULPHURIC ACID/0.1M NAOH REQUIRED	
5.	APPEARANCE OF SOLUTION	10% W/V SOLUTION IS CLEAR AND COLORLESS	
6.	ARSENIC	Max. 0.0002 %	
7.	HEAVY METALS	Max. 0.001 %	
8.	Chloride as Cl	Max. 0.01 %	
9.	OXALATE (AS ANHYDROUS OXALIC ACID)	Max. 0.03 %	
10.	SULPHATE	Max. 0.015%	
11.	TARTRATE	As per IP	
12.	READILY CARBONIZABLE SUBSTANCE	As per IP	
13.	WATER	11.0 to 13.0%	
14.	RESIDUAL SOLVENT	As per IP	
15.	ASSAY (ON ANHYDROUS BASIS)	99.0 to 101.0%	
Storage : Store in tightly-closed containers.			

PREPARED BY		CHECKED BY		APPROVED BY	
SIGN	DATE	SIGN	DATE	SIGN	DATE