

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

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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	: 21/11/2016
Molecular Weight	: 294.10 g/mol	Retest Date	: After 3 Year
CAS No.	: 6132-04-3	Master Copy	: Quality Control
Specification	: Confirmed as BP		
Product Code	: FP009006		
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 ALCOHOL	
3.	IDENTIFICATION	SODIUM = +VE & CITRATE =+VE	
4.	ACIDITY AND ALKALINITY	AS PER BP	
5.	APPEARANCE OF SOLUTION	SOLUTION IS CLEAR AND COLORLESS	
6.	READILY CARBONIZABLE SUBSTANCE	AS PER BP	
7.	HEAVY METALS	Max. 0.0001 %	
8.	CHLORIDES	Max. 0.005%	
9.	SULPHATES	Max. 0.015%	
10.	OXALATES	Max. 0.03 %	
11.	WATER	11.0 to 13.0%	
12.	TARTRATE	As per IP	
13.	ASSAY (ON ANHYDROUS BASIS)	NLT 99.00% and NMT 101.0%	
Storage		: Store in tightly-closed containers.	

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