

■ CORPORATE OFFICE: E-91/92 Nutan Saurabh Society, B/H Vijay Nagar, Harni Road, Vadodara - 390 006. Gujarat, India.

■ **FACTORY**: Plot No.1116, Lamadapura Road, Manjusar - 391 775, Tal - Savli, Dist — Vadodara, Gujarat, India.

FINISHED PRODUCT: CERTIFICATE OF ANALYSIS DEPARTMENT : QUALITY CONTROL Ref .SOP No QC/017, Rev – 00 Format No. : QC/017/F/02-00

Name of product : SODIUM ACETATE TRIHYDRATE IP						
Chemical Formula :C ₂ H ₃ NaO ₂ .3H ₂ O		Molecular Weight: 136.1gm/mol.		CAS No : 6131-90-4		
HSN Code	29152990		Batch Number	041001H22		
Date of sampling	14/08/2022		Date of Manufacture	Aug2022		
Sample Quantity	100.00 Gms.		Date of Expiry	5 Years after Mfg. date		
Date of Analysis	14/08/2022					
Date of Release	16/08/2022					
Mfg. Lic. No.	G/25/2513					

Sr.	Test	Observation	Specification		
No.	Description	Colorless crystals.	Colorless Crystals Or White, Crystalline		
1.	Description	Colories ei ystais.	Powder; Odorless		
2.	Solubility	Very soluble in water, soluble in ethanol (96 %).	Very Soluble In Water, Soluble In Ethanol (95%)		
3.	Identification	Complies	As Per IP Gives Reaction Sodium Salts =Positive & Acetate =Positive		
4.	Appearance Of Solution	Solution is clear and colorless	10% W/V Solution Is Clear And Colorless		
5.	pH (5% Aqueous solution)	7.85	7.5-9.0		
6.	Arsenic	Complies	Max. 2 ppm		
7.	Calcium & Magnesium (As Ca)	Complies	Max. 50 ppm		
8.	Heavy Metal (As Pb)	Complies	Max. 10 ppm		
9.	Loss On Drying In An Over At 130°C	39.85%	39.0 - 40.5%		
10.	Iron (Fe)	8 ppm	Max. 20 ppm		
11.	Chloride (Cl)	85 ppm	Max. 250 ppm		
12.	Sulphate (So ₄)	95 ppm	Max. 200 ppm		
13.	Reducing Substances	Complies	The Pink Color Is Not Completely Discharged.		
14.	Assay (Calculated On Dried Basis)	99.14%	99.0 % - 101.0%		
Storag	Storage Condition : In an airtight container.				

Remarks: The above product complies with above specification.

	Prepared By/Analyzed by	Approved by
Signature	Di	hy. Chem A. Litt
Date	14/08/2022	16/08/2022

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■ An ISO 9001:2015 Certified Company ■ GST: 24AAGCA9795F1ZC ■ Udyam Registration: UDYAM-GJ-24-0020783