

Manufacturer of Fine and Speciality Chemicals

- 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	: DI SODIUMHYDROGEN PHOSPHATE DODECAHYDRATE IP					
Chemical Formula: Na ₂ HPO ₄ .12H ₂ O Molecular			Weight: 358.1 gm/mol.	CAS No : 10039-32-4		
HSN Code	28352200		Batch Number	025001L22		
Date of sampling	28/12/2022		Date of Manufacture	Dec2022		
Sample Quantity	100.00 Gms.		Retest Date	3 Years after Mfg. date		
Date of Analysis	28/12/2022					
Date of Release	29/12/2022					
Mfg. Lic. No.	G/25/2513					

Sr.	Test		Observation	Specification
No.				
1.	Appearance		Colorless, transparent crystals, very efflorescent.	Colorless, transparent crystals, very efflorescent.
2.	Identification A Solution A gives the reactions of Sodium salts and Phosphates.		Complies	To pass test
3.	Appearance of Solution		The solution is clear and colorless	The solution is clear and colorless
4.	Arsenic		Complies	Max. 2 ppm
5.	Heavy metals		Complies	Max. 10 ppm
6.	Iron		5 ppm	Max. 20 ppm
7.	Chlorides		15 ppm	Max. 250 ppm
8.	Sulfates		Complies	Max. 600 ppm
9.	Reducing substances		Complies	To Pass Test.
10.	Sodium Di phosphate	Hydrogen	Complies	To Pass test
11.	Water		57.38%	57.0 % to 61.0 %
12.	Assay (Anhydrous basis)		99.15%	98.0% - 101.0 %
Stora	Storage Condition : Preserve in well-closed containers.			

Remarks: The above product complies with above specification.

	Prepared By/Analyzed by	Approved by
Signature	Di	Manjuson #
Date	28/12/2022	29/12/2022

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