



CERTIFICATE OF ANALYSIS

Product Name	: SODIUM PHOSPHATE MONOBASIC DIHYDRATE 99% AR
Cas No.	: 13472-35-0
Code No.	: 02489
Batch No.	: PC12232153
Mfg. Date	: DEC-2023
Date Of Analysis	: 09/12/2023
Retest Date	: NOV-2028

TEST	SPECIFICATION	RESULT
Appearance	Colorless crystals or white crystalline powder	White crystalline powder
Assay	99.0 - 100.5%	99.81%
Identity (acc. to pharmacopoeias)	Passes test	Passes
Appearance of solution	Passes test	Passes
Insoluble matter in water	Max 0.01%	0.0032%
pH (1% solution in water)	4.1-4.7	4.45
pH (5% solution in water; 20°C)	4.2-4.5	4.44
pH (5.7% solution in water)	4.1-4.5	4.44
Chloride (Cl)	Max 0.001%	0.00002%
Sulphate (SO ₄)	Max 0.005%	0.00016%
Aluminium, calcium and related elements	Passes test	Passes
Substance reducing KMnO ₄ (as O)	Passes test	Passes
Arsenic (As)	Max 0.0002%	0.00004%
Calcium (Ca)	Max 0.002%	0.00012%
Iron (Fe)	Max 0.001%	0.000071%
Heavy metal (as Pb)	Max 0.0005%	0.000001%
Magnesium (Mg)	Max 0.001%	0.000052%
Potassium (K)	Max 0.005%	0.00004%
Loss on drying (at 130°C)	21.5 - 24.0%	23.01%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com