



CERTIFICATE OF ANALYSIS

Product Name	:	SODIUM PHOSPHATE MONOBASIC DIHYDRATE 99% AR
Cas No.	:	13472-35-0
Code No.	:	02489
Batch No.	:	PC07241100
Mfg. Date	:	JULY-2024
Date Of Analysis	:	26/07/2024
Retest Date	:	JUNE-2029

TEST	SPECIFICATION	RESULT
Appearance	Colorless crystals or white crystalline powder	Colorless crystals
Assay	99.0 - 100.5%	99.26%
Identity (acc. to pharmacopoeias)	Passes test	Passes
Appearance of solution	Passes test	Passes
Insoluble matter in water	Max 0.01%	0.006%
pH (1% solution in water)	4.1-4.7	4.65
pH (5% solution in water; 20°C)	4.2-4.5	4.45
pH (5.7% solution in water)	4.1-4.5	4.46
Chloride (Cl)	Max 0.001%	0.0005%
Sulphate (SO ₄)	Max 0.005%	0.0006%
Aluminium, calcium and related elements	Passes test	Passes
Substance reducing KMnO ₄ (as O)	Passes test	Passes
Arsenic (As)	Max 0.0002%	0.00007%
Calcium (Ca)	Max 0.002%	0.00038%
Iron (Fe)	Max 0.001%	0.00021%
Heavy metal (as Pb)	Max 0.0005%	0.000026%
Magnesium (Mg)	Max 0.001%	0.00029%
Potassium (K)	Max 0.005%	0.00016%
Loss on drying (at 130°C)	21.5 - 24.0%	23.41%

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