

Pallav) Pallav Chemicals & Solvents Pvt. Ltd.

Manufacturers of Laboratory Fine Chemicals

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## **CERTIFICATE OF ANALYSIS**

Product Name	:	SODIUM PHOSPHATE MONOBASIC DIHYDRATE 99% AR	
Cas No.	:	13472-35-0	
Code No.	:	02489	
Batch No.	:	PC09231536	
Mfg. Date	:	SEP-2023	
Date Of Analysis	:	20/09/2023	
Retest Date	:	AUG-2028	

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%	0.0034%
pH (1% solution in water)	4.1-4.7	4.21
pH (5% solution in water; 20°C)	4.2-4.5	4.30
pH (5.7% solution in water)	4.1-4.5	4.32
Chloride (Cl)	Max 0.001%	0.00002%
Sulphate (SO <sub>4</sub> )	Max 0.005%	0.00016%
Aluminium, calcium and related elements	Passes test	Passes
Substance reducing KMnO4 (as O)	Passes test	Passes
Arsenic (As)	Max 0.0002%	0.00004%
Calcium (Ca)	Max 0.002%	0.00031%
Iron (Fe)	Max 0.001%	0.00071%
Heavy metal (as Pb)	Max 0.0005%	0.000001%
Magnesium (Mg)	Max 0.001%	0.000071%
Potassium (K)	Max 0.005%	0.00005%
Loss on drying (at 130°C)	21.5 - 24.0%	23.55%

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