

**CERTIFICATE OF ANALYSIS**

Product Name	: SODIUM PHOSPHATE DIBASIC DODECAHYDRATE 99% AR	Analyzed On	: 28-Jul-2021
Lot No.	: A371222107	Mol. Weight	: 358.14
Mol. Formula	: Na <sub>2</sub> HPO <sub>4</sub> .12H <sub>2</sub> O	CAS No.	: 10039-32-4
Code No.	: 5975B	Exp. Date	: Jun-2026
Mfg. Date	: Jul-2021	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	Colourless crystals	Colourless crystals
2	Assay (as Na <sub>2</sub> HPO <sub>4</sub> .12H <sub>2</sub> O)	Min. 99.0%	100.39%
3	pH (5% solution; 20°C)	9.1 - 9.4	9.14
4	Chloride (Cl)	Max. 0.005%	0.0038%
5	Sulphate (SO <sub>4</sub> )	Max. 0.005%	0.0044%
6	Total nitrogen (N)	Max. 0.001%	<0.001%
7	Heavy metal (as Pb)	Max. 0.0005%	0.000049%
8	Iron (Fe)	Max. 0.0005%	0.000009%
9	Potassium (K)	Max. 0.005%	0.0014%
10	Arsenic (As)	Max. 0.00005%	<0.00005%

**CONCLUSION -This above product complies as per the specifications of LOBA CHEMIE PVT. LTD.**



Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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LOBA/QC/FM/01

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