

CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM PHOSPHATE DIBASIC (DODECAHYDRATE) AR

CAS No	: 10039-32-4	Product code	: 26050
Mol. Formula	: Na ₂ HPO ₄ .12H ₂ O	Batch No.	: MCAR-00582
Mol. WT	: 358.14	Mfd.	: Sept. 2024
Date Analysis	: 13/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	Description	White crystals or crystalline powder	White crystalline powder
2	Assay	99 % w/w min	99.17% w/w
3	pH (5% solution 20°C)	9.1 – 9.4	9.12
4	Insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.001% max	< 0.001%
6	Sulphate (SO₄)	0.005% max	< 0.005%
7	Total nitrogen (N)	0.002% max	< 0.002%
8	Heavy Metal (as Pb)	0.0005% max	< 0.0005%
9	Iron (Fe)	0.0005% max	< 0.0005%
10	Potassium (K)	0.005% max	< 0.005%
11	Arsenic (As)	0.00005% max	< 0.00005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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