



CERTIFICATE OF ANALYSIS

**PRODUCT NAME: SODIUM PHOSPHATE DIBASIC
(DODECAHYDRATE) AR**

CAS No	: 10039-32-4	Product code	: 26050
Mol. Formula	: Na₂HPO₄.12H₂O	Batch No	: MCRT-17351
Mol. WT	: 358.14	Mfd.	: Nov. 2018
Date Analysis	: 20/11/18	Exp.	: Oct. 2023

S. R	Test	Specification	Observation
1	Description	White crystals or crystalline powder	White crystalline powder
2	Assay	99 % w/w min	99.28% w/w
3	pH (5% solution 20°C)	9.1 – 9.4	9.15
4	Insoluble matter	0.003% max	0.001%
5	Chloride (Cl)	0.001% max	< 0.001%
6	Sulphate (SO ₄)	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]

[QC Incharge]

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

Note: Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**