

CERTIFICATE OF ANALYSIS

Product Name : SODIUM DIHYDROGEN ORTHOPHOSPHATE DIHYDRATE 99% AR
 Confirms to BP, USP
Lot No. : A400442201 **Analyzed On** : 20-Jan-2022
Mol. Formula : NaH₂PO₄.2H₂O **Mol. Weight** : 156.01
Code No. : 05858 **CAS No.** : 13472-35-0
Mfg. Date : Jan-2022 **Exp. Date** : Dec-2026
HAZ. / P.G. : - **UN No.** : -

Sr.	Tests	Specifications	Results
1	Appearance	Colorless crystals or white crystalline powder	Colorless crystals
2	Assay	99.0 - 100.5%	99.12%
3	Identity (acc. to pharmacopoeias)	Passes test	Passes test
4	Appearance of solution	Passes test	Passes test
5	Insoluble matter in water	Max 0.01%	0.01%
6	pH (1% solution in water)	4.1-4.7	4.64
7	pH (5% solution in water; 20°C)	4.2-4.5	4.32
8	pH (5.7% solution in water)	4.1-4.5	4.28
9	Chloride (Cl)	Max 0.001%	0.001%
10	Sulphate (SO ₄)	Max 0.005%	0.0040%
11	Aluminium, calcium and related elements	Passes test	Passes test
12	Substance reducing KMnO ₄ (as O)	Passes test	Passes test
13	Arsenic (As)	Max 0.0002%	0.0002%
14	Calcium (Ca)	Max 0.002%	0.00018%
15	Iron (Fe)	Max 0.001%	0.00011%
16	Heavy metal (as Pb)	Max 0.0005%	0.000014%
17	Magnesium (Mg)	Max 0.001%	0.000001%
18	Potassium (K)	Max 0.005%	0.00044%
19	Loss on drying (at 130°C)	21.5 - 24.0%	23.43%

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



Ruchita R
Chemist



Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

LOBA/QC/FM/01

05/26.10.2021