

**CERTIFICATE OF ANALYSIS**

Product Name	: SODIUM DIHYDROGEN ORTHOPHOSPHATE ANHYDROUS 99% AR	Analyzed On	: 21-Feb-2022
Lot No.	: A401502202	Mol. Weight	: 119.98
Mol. Formula	: NaH <sub>2</sub> PO <sub>4</sub>	CAS No.	: 7558-80-7
Code No.	: 5859A	Exp. Date	: Jan-2027
Mfg. Date	: Feb-2022	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (alkalimetric)	99.0-101.0%	99.58%
3	pH (5% solution in water; 25°C)	4.1 to 4.7	4.31
4	Insoluble matter in water	Max 0.05%	<0.05%
5	Nitrogen compounds (as N)	Max 0.002%	<0.002%
6	Chloride (Cl)	Max 0.002%	0.002 %
7	Sulphate (SO <sub>4</sub> )	Max 0.005%	0.0045%
8	Arsenic (As)	Max 0.0001%	<0.0001%
9	Calcium (Ca)	Max 0.01%	0.000010%
10	Copper (Cu)	Max 0.001%	0.000057%
11	Iron (Fe)	Max 0.001%	0.00026%
12	Magnesium (Mg)	Max 0.01%	0.000014%
13	Nickel (Ni)	Max 0.001%	0.000027%
14	Lead (Pb)	Max 0.002%	0.000045%

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



Kavita  
Chemist



Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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