

CERTIFICATE OF ANALYSIS

ISO 9001-2015 CERTIFIED

Product Name : SODIUM DIHYDROGEN ORTHOPHOSPHATE ANHYDROUS 99% For HPLC
 Lot No. : H385382205 Analyzed On : 03-May-2022
 Mol. Formula : NaH₂PO₄ Mol. Weight : 120
 Code No. : 5859B CAS No. : 7558-80-7
 Mfg. Date : May-2022 Exp. Date : Apr-2027
 HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay	Min 99%	99.12%
3	RP gradient test	Corresponds to standard	Complies
4	Filter test	Corresponds to standard	Complies
5	Solubility (0.1 g/mL in water; 25°C)	Complete, colorless	passes test
6	pH (10% solution in water; 20°C)	4.0-4.5	4.27
7	Absorption (0.5 M solution in water)		-
8	at 210 nm	Max 0.1	0.039
9	at 260 nm	Max 0.06	0.010
10	at 280 nm	Max 0.04	0.008
11	at 320 nm	Max 0.02	0.004
12	at 500 nm	Max 0.02	0.00

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



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