



**Quality control laboratory**

Product name	Sodium phosphate dibasic dodecahydrate	Batch no.	SPA925K
MFG .Date	08/2025	EXP.Date	08/2030
Sensitive	Air	Storage	RT

CAS no. 10039-32-4 M.W 358.14 g/mol M.F Na<sub>2</sub>HPO<sub>4</sub>.12H<sub>2</sub>O.

S.N	Characteristics	Unite	Specification	Result
1	Appearance		Colorless crystal	pass
2	Density	g/ml	1.52	pass
3	Melting point	C	35 - 38	pass
4	Solubility	In water	soluble	pass
5	pH	--	8.4 – 9.3	pass
6	Assay	Wt%	MIN (98)	99.0
7	Heavy metal as (Pb)	PPM	MAX 2	Pass
8	Sulfate	PPM	MAX 10	Pass
9	Chloride	PPM	MAX 5	Pass
10	Calcium	PPM	MAX 10	Pass

Above batch material complies with prescribed quality of the standard as stated above.

**M.Nashat**

QC Manger

