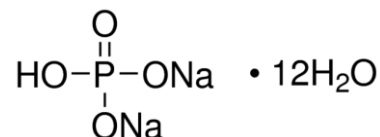


Department: Quality Control
Document No: LCPL/QSD/QAD/11
SOP No.: SOP/QC/11-S038
SPECIFICATION : SODIUM PHOSPHATE DIBASIC DODECAHYDRATE AR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	Na ₂ HPO ₄ · 12H ₂ O
2	Product code	S038
3	Molecular weight	358.14
4	CAS No	10039-32-4
5	Risk Statement No	--
6	Safety Statement No	24/25
7	UN No.	UN3077


PACKING DETAILS

	Product code	Pack size
1	S03810	500 g
2	S03813	5.0 Kg

PRODUCT SPECIFICATION
SL. No. TEST PARAMETERS
LIMITS

1	Description	White crystalline powder.
2	Clarity	10% solution in water is clear and colourless.
3	Assay	Not less than 99.5%
4	pH	Between 5.5 and 7.5
5	Insoluble matter	Not more than 0.003%
6	Chloride (Cl)	Not more than 0.02%
7	Sulphide (S)	Not more than 0.0002%
8	Sulphate and Sulphite (as SO ₄)	Not more than 0.05%
9	Copper (Cu)	Not more than 0.0005%
10	Iron (Fe)	Not more than 0.0005%
11	Lead (Pb)	Not more than 0.0005%
12	Potassium (K)	Not more than 0.1%
13	Nitrogen compounds (N)	Not more than 0.01%

SAFETY SYMBOLS