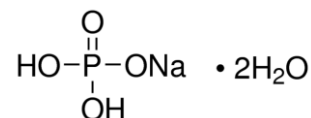


**Department: Quality Control**
**Document No: LCPL/QSD/QAD/11**
**SOP No.: SOP/QC/11-S039**
**SPECIFICATION : SODIUM PHOSPHATE MONOBASIC DIHYDRATE LR**

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

**PRODUCT DETAILS**

1	Molecular Formula	NaH <sub>2</sub> PO <sub>4</sub> · 2H <sub>2</sub> O
2	Product code	S039
3	Molecular weight	156.01
4	CAS No	13472-35-0
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	---


**PACKING DETAILS**

	Product code	Pack size
1	S03910	500 g
2	S03913	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 (acidimetric)	Not less than 98.0%
4	pH (5% aqueous solution)	Between 4.2 and 4.6
5	Loss on drying (130°C)	Between 21.0 and 24.0%
6	Chloride (Cl)	Not more than 0.01%
7	Sulphate (SO <sub>4</sub> )	Not more than 0.02%
8	Arsenic (As)	Not more than 0.0001%
9	Iron (Fe)	Not more than 0.002%
10	Heavy metals (as Pb)	Not more than 0.0005%

**SAFETY SYMBOLS**