



## **CERTIFICATE OF ANALYSIS**

**Date: 31/05/14**

**PRODUCT NAME : SODIUM PHOSPHATE DIBASIC (DIHYDRATE)**

**CAS No : 10028- 24- 7**  
**Mol. Formula :  $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$**   
**Mol. WT : 177.99**

**Product code : 18740**  
**Batch No : MCR-8243**  
**Mfd. : May 2014**

| S. R | Test                       | Specification | Observation |
|------|----------------------------|---------------|-------------|
| 1    | Assay (acidimetric)        | 98 % w/w min  | 98.34% w/w  |
| 2    | pH (2% Water)              | 9.0 - 9.2     | 9.10        |
| 3    | Chloride (Cl)              | 0.01% max     | < 0.01%     |
| 4    | Sulphate ( $\text{SO}_4$ ) | 0.05% max     | < 0.05%     |
| 5    | Iron (Fe)                  | 0.002% max    | < 0.002%    |
| 6    | Lead (Pb)                  | 0.005% max    | < 0.005%    |

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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