

# SYSTEM

## Specification

PRODUCT NAME : di-Sodium Hydrogen Phosphate  
dodecahydrate, ChemAR®  
CATALOGUE NUMBER : SO441-00  
FORMULA : Na<sub>2</sub>HPO<sub>4</sub>·12H<sub>2</sub>O  
MOLECULAR WEIGHT : 358.14  
CAS. NUMBER : [10039-32-4]

IMDG class : UN No : Packaging group :  
HAZARD STATEMENT: H  
PRECAUTIONARY STATEMENT: P  
Risiko (Risks):R  
Keselamatan (Safety):S

|                            | <b>Specification</b> |      |
|----------------------------|----------------------|------|
| Assay(acidimetric)         | 99.0                 | %    |
| pH (5%,water)              | 9.1-----             | 9.4  |
| Arsenic(As)                | max.0.00005          | %    |
| Chloride(Cl)               | max.0.0005           | %    |
| Copper(Cu)                 | max.0.0005           | %    |
| Heavy meta(as Pb)          | max.0.0005           | %    |
| Insoluble matter in water  | max.0.005            | %    |
| Iron(Fe)                   | max.0.001            | %    |
| Lead(Pb)                   | max.0.001            | %    |
| Mono or tri-base salt      | passes               | test |
| Nitrogen compound(as N)    | max.0.001            | %    |
| Nickel(Ni)                 | max.0.0005           | %    |
| Potassium(K)               | max.0.005            | %    |
| Sulphate(SO <sub>4</sub> ) | max.0.005            | %    |

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