



PRODUCT SPECIFICATION

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|----------------|---|---|
| Product Name | : | Sodium dihydrogen phosphate dihydrate Ph Eur,BP,USP,JPE,E 339 |
| Product Number | : | 969.053 |
| Brand | : | ISOLAB |
| CAS Number | : | 13472-35-0 |
| Formula | : | NaH ₂ PO ₄ * 2 H ₂ O |
| Formula Weight | : | 156.02 g/mol |

| TEST NAME | SPECIFICATION | UNIT |
|---|---------------|------|
| Assay (calculated on dried substance) | 99.0 - 100.5 | % |
| Identity | passes test | |
| Appearance of solution | passes test | |
| pH-value (5%; water) | 4.2 - 4.5 % | % |
| In water insoluble matter | ≤ 0.2 % | % |
| Chloride (Cl) | ≤ 0.005 % | % |
| Fluoride (F) | ≤ 0.001 % | % |
| Sulphate (SO ₄) | ≤ 0.003 % | % |
| Heavy metals (as Pb) | ≤ 0.0005 % | % |
| Al, Ca and other elements detectable with ammonia | passes test | |
| As (Arsenic) | ≤ 0.0001 % | % |
| Ca (Calcium) | ≤ 0.005 % | % |
| Cd (Cadmium) | ≤ 0.0001 % | % |
| Fe (Iron) | ≤ 0.0005 % | % |
| Hg (Mercury) | ≤ 0.0001 % | % |
| Mg (Magnesium) | ≤ 0.002 % | % |
| Zn (Zinc) | ≤ 0.001 % | % |
| Pb (Lead) | ≤ 0.0001 % | % |
| Reducing substances | passes test | |
| Loss on drying | 21.5 - 24.0 % | % |
| Water (KF) | 18.0 - 26.50% | % |

