



**Specification for Monobasic Sodium Phosphate, Dihydrate,
USP, EP, bioCERTIFIED (TM) (S9375)**

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|-------------------|---|
| Item Number | S9375 |
| Item | Monobasic Sodium Phosphate, Dihydrate, USP, EP, bioCERTIFIED (TM) |
| CAS Number | 13472-35-0 |
| Molecular Formula | NaH ₂ PO ₄ •2H ₂ O |
| Molecular Weight | 156.01 |
| MDL Number | |
| Synonyms | Sodium Biphosphate ; Sodium Acid Phosphate |

| Test | Specification | |
|---|---------------|------------|
| | Min | Max |
| Assay (Anhydrous Basis, USP) | 98.0 | 103.0 % |
| ASSAY (DRIED BASIS, EP) | 98.0 | 100.5 % |
| APPEARANCE OF SOLUTION | TO PASS TEST | |
| pH (USP) | 4.1 | 4.5 |
| pH (EP) | 4.2 | 4.5 |
| Water Determination (USP) | 18.0 | 26.5 % |
| LOSS ON DRYING (EP) | 21.5 | 24.0 % |
| INSOLUBLE SUBSTANCES | | 0.2 % |
| REDUCING SUBSTANCES | TO PASS TEST | |
| CHLORIDE | | 0.014 % |
| SULFATE | | 300 ppm |
| ALUMINUM, CALCIUM, AND RELATED ELEMENTS | TO PASS TEST | |
| ARSENIC | | 8 PPM |
| IRON | | 10 PPM |
| ELEMENTAL IMPURITIES | AS REPORTED | |
| MICROBIAL CONTENT: | | |
| TAMC | | 1000 CFU/g |
| TYMC | | 100 CFU/g |
| Endotoxins | | 10 IU/g |
| IDENTIFICATION | TO PASS TEST | |
| EXPIRATION DATE | | |
| DATE OF MANUFACTURE | | |
| APPEARANCE | | |
| RESIDUAL SOLVENTS | TO PASS TEST | |

Spectrum Chemical Mfg Corp

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