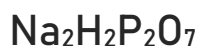


# Sodium Acid Pyrophosphate (SAPP) Food Grade



## DESCRIPTION

|                      |           |                                             |
|----------------------|-----------|---------------------------------------------|
| General Description  |           | Origin                                      |
| Monosodium Phosphate |           | China                                       |
| Grade                | E number  | Formula                                     |
| Food grade           | E450 (i)  | $\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$ |
| Molecular weight     | EINECS    | CAS number                                  |
| 221.94               | 231-835-0 | 7758-16-9                                   |

## PRODUCT CHARACTERISTICS

| Physicochemical properties  | Unit              | Standard   | Test Result |
|-----------------------------|-------------------|------------|-------------|
| Assay                       | w/%               | $\geq 95$  | 97.13       |
| P2O5                        | w/%               | 63.0-64.5  | 63.50       |
| Water insoluble             | w/%               | $\leq 0.5$ | 0.03        |
| PH value (1% solution)      | -                 | 4.0 ~ 4.6  | 4.20        |
| Arsenic (As)                | mg/kg             | $\leq 1$   | 1           |
| Heavy Metals                | mg/kg             | $\leq 10$  | 10          |
| Lead (Pb)                   | mg/kg             | $\leq 1$   | 1           |
| Fluoride (F)                | mg/kg             | $\leq 10$  | 7           |
| Whiteness                   | %                 | $\geq 90$  | 94.30       |
| ROR,                        | v%                | 26-30      | 28.43       |
| Orthophosphate              |                   | Pass Test  | Pass        |
| Bulk Density                | g/cm <sup>3</sup> | $\geq 0.7$ | 0.98        |
| Particle Size (- 100 mesh), | w/%               | $\geq 90$  | 99.27       |

Further specifications are available upon request

### Disclaimers

Although the information and recommendations set forth herein are presented in good faith, Kelewell makes no representations or warranties as to the completeness or accuracy. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. Additionally, it is the user's responsibility to verify, in every case, the local legislation related to the use of the product. In no event will Kelewell be responsible for damages of any nature resulting from the use of or reliance upon information or the product to which information refers. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment or formulation in conflict with any patent and Kelewell makes no representation or warranty, express or implied, that the use thereof will not infringe any patent. The typical data set forth herein are based on samples tested and are not guaranteed for all samples or applications. The product specification limits are subject to change. Please contact Kelewell for the most current data sheet. Deliveries are governed by the general sale conditions defined by Kelewell