

PREMIUM INGREDIENT CO.,LTD

STPP-FG Powder

DESCRIPTION

| | | |
|--|----------------------------|--|
| General Description Sodium Tripolyphosphate Food Grade | | Date effective - edition July.2023-V1 |
| Grade Food Grade | Standard E 451i | Formula $\text{Na}_5\text{P}_3\text{O}_{10}$ |
| Molecular weight 367.86 | EINECS 231-838-7 | CAS number 7758-29-4 |

PRODUCT CHARACTERISTICS

| Chemical properties | Unit | Typical analysis | Specifications |
|---|-------|------------------|---|
| $\text{Na}_5\text{P}_3\text{O}_{10}$ | % | 96.5 | ≥ 95.0 |
| P_2O_5 | % | 57.6 | 56 - 59 |
| Superior polyphosphates (NaPO_3) ₃ | % | 0.2 | ≤ 1 |
| Water insoluble | % | 0.006 | ≤ 0.1 |
| Ph (1% Solution) | | 9.5 | 9.1 - 10.2 |
| Loss on Drying (105 °C, 1 hour) | % | 0.1 | ≤ 0.7 |
| Whiteness | | 90 | ≥ 85 |
| Bulk density | g/cm3 | 0.78 | ≥ 0.75 |
| Heavy metals as Pb | ppm | <10 | ≤ 10 |
| Fluoride | ppm | Not detected | ≤ 10 |
| Arsenic | ppm | 0.1 | ≤ 1 |
| Pb | ppm | 0.3 | ≤ 1 |
| Cd | ppm | 0.05 | ≤ 1 |
| Hg | ppm | 0.08 | ≤ 1 |
| Solubility | | Pass | Freely Soluble in Water. Insoluble in Ethanol |
| Appearance | | Pass | Powder |

PACKAGE & STORAGE & SHELF LIFE

Package: 25kgs bags or according to the customers' requirements

Store in a cool, dry and odorless place, Protect from humidity, Keep in the packaging of origin, shrink-wrapped

Best before: 2 years after production date

APPLICATIONS

Food additive, used as humectants, emulsifier into meat products, canned meat and seafood, instant Rice(wheat) noodles, various milk and dairy, ice creams, plant protein drinks, fruit(vegetable) juices and Beverages, tea drink, etc.

