



## SODIUM TRIPOLYPHOSPHATE

| Property   | Unit               | Test Result | Allowed Limits |
|--|--------------------|-------------|----------------|
| Whiteness Level<br>(DRK103C Full Automatic Colorimeter)  | %                  | 85.88       | 82 Min.        |
| P <sub>2</sub> O <sub>5</sub> Content  | %                  | 56.33       | 56 Min.        |
| Sodium Tripolyphosphate (Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> )<br>Content<br>Expressed as a % of total phosphate<br>content | %                  | 95.76       | 90 Min.        |
| pH Solution 1 % @ 25 °C  | %                  | 9.22        | 9.2 ~ 10.0     |
| Water Insoluble  | %                  | 0.05        | 0.2 Max.       |
| Moisture   | %                  | 0.02        | 0.5 Max.       |
| L.O.I  | %                  | 0.62        | 1 Max.         |
| Iron (Fe)  | ppm                | 59.62       | 100 Max.       |
| Temperature Rise   | °C                 | 8.60        | 9 ~ 15         |
| Phase (Form) I   | %                  | 10.40       | 5 ~ 40         |
| Arsenic  | ppm                |             | 2 Max.         |
| Heavy Metals   | mg/kg              |             | 10 Max.        |
| Particle Size Distribution   |                    |             |                |
| Weight retained on Sieve 40  | %                  | 3.20        | 3 Max.         |
| Weight retained on Sieve 100   | %                  | 66.70       | 70 Max.        |
| Weight retained on Sieve 200   | %                  | 24.90       | 25 Min.        |
| Weight passing of Sieve 270  | %                  | 2.81        | 20 Max.        |
| Bulk Density   | gr/cm <sup>3</sup> | 0.75        | 0.6 ~ 1.1      |