

SPECIFICATION

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|-------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | : | Borax Decahydrate Technical Grade |
| CAS No | : | 10303-96-4 |
| Chemical Formula | : | $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ |
| Molecular Weight | : | 381.43 |
| Chemicals Composition | : | Sodium Oxide (Na_2O) : 16.25% Boric Oxide (B_2O_3) : 36.52% Water of Crystallization (H_2O) : 47.23% |
| Sodium Tetraborate Decahydrate $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ Content percent by mass. | : | 99.5% to 103.0% |
| Matter insoluble in water | : | 0.1% (Maximum) |
| PH of 3.8% w/v solution | : | 9.0 To 9.5 |
| Color | : | White |
| Bulk Density | : | Free from dirt, foreign matter and visible impurities 700-900 kg/M^3 for Granular 400-500 kg/M^3 for Powder |
| Typical B.S. Sieve Analysis | : | |
| a. For Granular | : | 30% through 60 Mesh (Max) |
| b. For Powder | : | 90% though 60 Mesh (Min) 90% though 100 Mesh (Min) 90% though 200 Mesh (Min) 90% though 350 Mesh (Min) |
| c. Assay | : | 99.5 to 107% |
| Packing | : | 50 kg. HDPE bags with HMHDP liner. |