



## Pentagon Chemicals

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### Specifications Borax :

ITEM	Specification		
	Decahydrate	Pentahydrate	Anhydrous
Appearance	White Powder		
Molecular Weight	381.38	291.35	201.22
Sodium Borate Assay, % $\geq$	99.5 ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ )	99.5 ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$ )	99.5 ( $\text{Na}_2\text{B}_4\text{O}_7 \cdot \text{H}_2\text{O}$ )
$\text{B}_2\text{O}_3$ , % $\geq$	37-38	48.5	68.0
$\text{Na}_2\text{O}$ , % $\geq$	16-17	21.5	30
Sodium carbonate ( $\text{Na}_2\text{CO}_3$ ) % $\leq$	0.1	0.1	0.1
Insoluble matter in water % $\leq$	0.04	0.04	0.04
Sodium Sulfate ( $\text{Na}_2\text{SO}_4$ ) % $\leq$	0.2	0.2	0.2
Sodium Chloride ( $\text{NaCl}$ ) % $\leq$	0.03	0.03	0.03
Iron (Fe) % $\leq$	0.002	0.002	0.002