



Specification for Sodium Borate, Decahydrate, Powder, Reagent, ACS (S1185)

Item Number	S1185
Item	Sodium Borate, Decahydrate, Powder, Reagent, ACS
CAS Number	1303-96-4
Molecular Formula	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Molecular Weight	381.37
MDL Number	
Synonyms	Borax ; Sodium Tetraborate

Test	Specification	
	Min	Max
ASSAY ($\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$)	99.5	105.0 %
pH OF A 0.01M SOLUTION @ 25°C	9.15	9.20
INSOLUBLE MATTER		0.005 %
CHLORIDE (Cl)		0.001 %
PHOSPHATE (PO_4)		0.001 %
SULFATES (SO_4)		0.005 %
CALCIUM (Ca)		0.005 %
HEAVY METALS (as Pb)		0.001 %
IRON (Fe)		5 ppm
APPEARANCE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

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