

PRODUCT IDENTITY

PRODUCT NAME	Sodium tetraborate decahydrate	PRODUCT NUMBER	S112466
Grades & Purity	ACS	VERSION	3
CAS NUMBER	1303-96-4	FORMULA	Na ₂ B ₄ O ₇ ·10H ₂ O
FORMULA WEIGHT	381.37g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Insoluble matter in H ₂ O	0-0.005 (%)
Phosphate(PO ₄ ³⁻)	0-0.001 (%)
PH(0.01M,25.0°C).PH of a 0.01M Water	9.15-9.21
Calcium(Ca)	0-0.005 (%)
Heavy metal (as Pb)	0-0.001 (%)
Iron(Fe)	0-5 (ppm)
Assay	99.5-100.5 (%)
Appearance (S112466)	White Powder or Crystals
Infrared spectrum	Conforms to Structure