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Certificate of Analysis

Sodium tetraborate decahydrate

Cat. No.:	HY-Y1282
CAS No.:	1303-96-4
Batch No.:	288332
Chemical Name:	Borax (B4Na2O7.10H2O)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$B_4H_{20}Na_2O_{17}$		
Molecular Weight:	**381.37**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:

$$B_4Na_2O_7 \cdot 10H_2O$$

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity:	**≥99.0%**
Hydrochloric acid insoluble matter:	0.0046%
Chloride：	0.001%
Sulfate:	0.008%
Phosphate:	≤0.002%
Calcium:	≤0.005%
Iron:	≤0.0003%
Copper:	≤0.001%
Lead:	≤0.001%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA