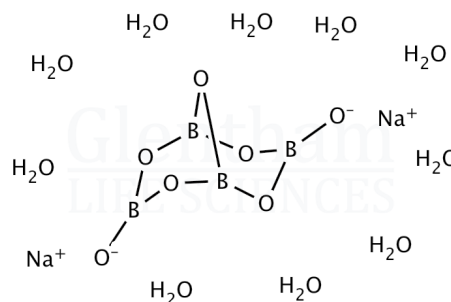


Certificate of Analysis

Product Name	Sodium tetraborate decahydrate, EP grade
Glenthams Code	GB8919
CAS Number	1303-96-4
EINECS	215-540-4
MDL Number	MFCD00149193
Additional CAS	1330-43-4 (anhydr.)
Batch Number	318GRH
Molecular Weight	381.37
Molecular Formula	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Storage Temp.	+20°C



Property	Specification	Batch 318GRH
Physical Description	White crystals or crystalline powder	White crystalline powder
Identification	A, B, C according to EP	Conforms
Solubility (4% in water)	Clear, colourless solution	Conforms
pH	9.0 - 9.6	9.3
Sulfate	≤ 50ppm	Conforms
Ammonium	≤ 10ppm	Conforms
Arsenic	≤ 5ppm	Conforms
Calcium	≤ 100ppm	Conforms
Heavy Metals	≤ 25ppm	Conforms
Assay (Titration)	99.0 - 103.0 %	101.2%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2022-12-16
Re-Test Date	2033-09-30

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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