

# Product Specification

## Sodium Borate, Decahydrate, ACS Reagent Grade

**Lot Number:** SAMPLE**Product Number:** RDCS0330**Date Packaged:** N/A**Expiration Date:** N/AChemical formula:  $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ 

Formula weight: 381.37

**Contains** $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$  CAS No. 1303-96-4 MW 381.37

Test	Specification	Result
Assay	99.5-105.0 %	N/A
Calcium (Ca)	max 0.005 %	N/A
Chloride (Cl)	max 0.001 %	N/A
Heavy Metals (as Pb)	max 0.001 %	N/A
Insoluble Matter	max 0.005 %	N/A
Iron (Fe)	max 5 ppm	N/A
pH of a 0.01 Molar solution	9.15-9.20	N/A
Phosphate ( $\text{PO}_4$ )	max 0.001 %	N/A
Sulfate ( $\text{SO}_4$ )	max 0.005 %	N/A

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RDCS0330-2.5A5	2.5 kg poly natural	84 months
RDCS0330-500B1	500 g poly	84 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."