RICCA CHEMICAL COMPANY®											448 West Fork Dr Arlington, TX 76012 p://www.riccachemical.com 1-888-GO-RICCA	
		Ce	ertif	ica	te o	f A	nal	ysi	5		customer	service@riccachemical.com
Buffer	r, Refe	rence	Stand	lard, p	H 9.18	$8 \pm 0.0$	)1 at 2	5°C				
$\mathbf{T}$ (N) 1 (1400D00 $\mathbf{D}$ ) $\mathbf{D}$						Number: 1595					Manufa	acture Date: MAR 01, 2024
Lot Number: 1403D83 Product 1						Number: 1395					]	Expiration Date: AUG 2025
The cert	tified value	e for this j	product is	confirme	d in indep	endent te	sting by a	second q	ualified ch	iemist.		
°C pH	$\begin{array}{c} 0\\ 9.463\end{array}$	5 9.395	$\begin{array}{c} 10\\ 9.333\end{array}$	$\begin{array}{c} 15\\ 9.277\end{array}$	$\begin{array}{c} 20\\ 9.226\end{array}$	$25 \\ 9.180$	30 9.139	$35 \\ 9.102$	$\begin{array}{c} 40\\9.070\end{array}$	$\begin{array}{c} 45\\ 9.042\end{array}$	50 9.018	
Name					CAS#				Grade			
Water				7732-18-5				ACS/A	STM/USP/	ΈP		
Sodium Tetraborate Decahydrate					1303-96-4				ACS			
Test					Specification 1			R	esult			
Appearance						Colorless liquid F			Pε	ıssed	*Not a certified value.	
Test					Certified Value U			U	ncertainty	NIST SRM#		
pH at 25°C (Method: SQCP027, SQCP033)						9.188			0.	02	186-I-g, 186-II-g, 191d	
traceat compar Standa a norm before f weights	ble to National risons. The ard Referent al distribut first use at as certified	onal Insti e uncertai nce Mater ation. Volu nd recalib traceable thermome	tute of Sta inty is calc rial, and th umetric gl prated reg to the NI eter traces	andards a culated fro ne uncerta assware c ularly in a ST nation able to NI	nd Techno om the und unty of the omplies we accordance al mass st ST standa	ology (NIS certainty e measure ith Class e with AS' candard. T rds. All p	5T) Stands of the mea ement pro A toleran FM E 542 Fhermome roducts an	ard Refer asuremen cess. The ce require and NIS <sup>7</sup> eters and ce prepare	ence Mate t variation uncertain ements of Γ Procedua temperatu ed accordin	rial as ind n from san ity is mult ASTM E 2 re NBSIR are probes ng to mas	licated above nple to samp ciplied by k=2 288 and NIS 74-461. Bala are calibrat ter document	ficate L2387) and are certified e via an unbroken chain of le, the uncertainty in the NIST 2, corresponding to 95% coverage in G Circular 434; it is calibrated ances are calibrated regularly with ed before first use and recalibrated s that assure manufacture cy for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
1595-1	4 L natural poly	18 months

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

Heidi J Green (03/01/2024) **Operations Manager** This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

## This product was tested in an ISO 17025 Accredited Laboratory

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.