

Material description: pH 4.005 BUFFER (@25°C) [RED] (NIST Traceable)

CAS No: Mixture

Supplied as: Product code Description
CHE4683 pH 4.005 BUFFER (@25°C) [RED] (NIST Traceable) 1L.

Specification

Parameter	Units	Minimum value	Maximum value	Typical value	Notes
pH @ 10°C	pH			3.997	
pH @ 15°C	pH			3.998	
pH @ 20°C	pH	3.995	4.015	4.005	
pH @ 25°C	pH			4.005	
pH @ 30°C	pH			4.011	
pH @ 37°C	pH			4.022	
pH @ 40°C	pH			4.027	
pH @ 45°C	pH			4.038	
pH @ 50°C	pH			4.050	

The reported result was determined by analysis of a sample from this batch taken at time of manufacture. Analysis was performed using an in house method with measurements traceable to NIST SRM 185i, SRM 186-I-g and SRM 186-II-g. Measurements are derived from and traceable to the SI system of units through the use of balances and thermometers calibrated on a regular basis by UKAS.

Revision date: 01/01/1989

Issue date: 17/09/2024

Specification correct at time of issue but is subject to change without notice. It is the users responsibility to verify the material is suitable for the required application.

Ref: 4683/MS/19890101