

Out of Stock - Product is not available at this time - Potassium tetroxalate dihydrate pH buffer

Art. ID NIST-189c
Unit 65 g
Deliverydetails No Dangerous Good

Description

This Standard Reference Material (SRM®) is intended for use in preparing solutions for calibrating electrodes for pH measuring systems. NIST-189c Potassium Tetroxalate Dihydrate, $\text{KH}_3(\text{C}_2\text{O}_4)_2 \cdot 2\text{H}_2\text{O}$, was prepared to ensure high purity and uniformity. However, this SRM® is certified only as a pH standard, pH(S), not as a pure substance. A unit of NIST-189c consists of 65 g of potassium tetroxalate dihydrate. A solution of molality 0.05 mol/kg is recommended for the calibration of pH measuring systems /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|------------|---------------------|------|--------|--------|
| 5 Grad Celsius | pH(S) | | 1,666 | | | |
| 10 Grad Celsius | pH(S) | | 1,667 | | | |
| 15 Grad Celsius | pH(S) | | 1,669 | | | |
| 20 Grad Celsius | pH(S) | | 1,672 | | | |
| 25 Grad Celsius | pH(S) | | 1,677 | | | |
| 30 Grad Celsius | pH(S) | | 1,682 | | | |
| 37 Grad Celsius | pH(S) | | 1,690 | | | |
| 40 Grad Celsius | pH(S) | | 1,694 | | | |
| 45 Grad Celsius | pH(S) | | 1,700 | | | |
| 50 Grad Celsius | pH(S) | | 1,707 | | | |