

201.3 - pD Calibration (powder form)

These SRMs are intended for the preparation of solutions of known deuterium ion activity to calibrate pH instruments to indicate pD data. SRMs 2186-I and 2186-II, and 2191a and 2192a are certified for use as admixtures only.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	pD(S) Values (at 25 °C)
2185	Potassium Hydrogen Phthalate pD Standard	60 g	4.518
2186I	Potassium Dihydrogen Phosphate	30 g	7.428
2186II	Disodium Hydrogen Phosphate	30 g	7.428
2191a	Sodium Bicarbonate	30 g	10.732
2192a	Sodium Carbonate	30 g	10.732

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only