

## **Potassium Dihydrogen Phosphate (see also 2186-I)**

Art. ID	NIST-2186I
Unit	30 g
Deliverydetails	No Dangerous Good /not restricted

### Description

These lots of potassium dihydrogen phosphate (KH<sub>2</sub>PO<sub>4</sub>) and disodium hydrogen phosphate (Na<sub>2</sub>HPO<sub>4</sub>) were prepared to ensure high purity and uniformity. The solution 0.025 molar solution with respect to both KD<sub>2</sub>PO<sub>4</sub> and Na<sub>2</sub>DPO<sub>4</sub> is recommended for the calibration of pH meters to be used for the measurement of pD in deuterium oxide. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	pD (S) ( 5 °C)		7,539			
	pD (S) (10 °C)		7,504			
	pD (S) (15 °C)		7,475			
	pD (S) (20 °C)		7,449			
	pD (S) (25 °C)		7,428			
	pD (S) (30 °C)		7,411			
	pD (S) (35 °C)		7,397			
	pD (S) (40 °C)		7,387			
	pD (S) (45 °C)		7,381			
	pD (S) (50 °C)		7,377			