



Material	85916.230
Material description	Sodium dihydrogen phosphate anhydrous
Grade	HiPerSolv CHROMANORM for HPLC
Lot	H436192212
Expires end of	2027-Nov-30
CAS Number	7558-80-7
Molecular formula	NaH <sub>2</sub> PO <sub>4</sub>
Molecular mass	119.98

Characteristics	Specifications	Measured values
Assay	≥ 99 %	≥ 99 %
Appearance	White crystalline powder	White crystalline powder
Filter test	Conforms to standard	Conforms to standard
RP gradient test	Conforms to standard	Conforms to standard
Solubility in water (0.1 g/ml; 25°C)	Colourless,complete	Colourless,complete
pH (20°C; 10 %)	4.0 - 4.5	4.3
Absorbance (210 nm) (0.5 mol/l)	≤ 0.1	≤ 0.1
Absorbance (260 nm) (0.5 mol/l)	≤ 0.06	0.01
Absorbance (280 nm) (0.5 mol/l)	≤ 0.04	0.01
Absorbance (320 nm) (0.5 mol/l)	≤ 0.02	0.01
Absorbance (500 nm) (0.5 mol/l)	≤ 0.02	< 0.01

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Signed on behalf of VWR International  
Shashikant Gaikwad, QC Manager