



PRODUCT CODE: 132656

di-Sodium Hydrogen Phosphate 7-hydrate (Reag. USP) for analysis, ACS



M.= 268,06

CAS [7782-85-6]

EINECS 231-448-7

TARIC 2835 22 00 00

SYNONYMS: Disodium Phosphate, Sodium Phosphate , secondary, Sodium Phosphate di-Basic

PHYSICAL DATA: crystalline powder, crystals, White, Soluble in water 154 g/l at 20 °C Miscible with alcohol and ether. Hygroscopic • D 1,7 • M.P.: 48 °C • pH(5% solution)9,0 - 9,3 •

BIBLIOGRAPHY: Merck Index **12**, 8.805 13, 8.733 Römp **8** , **2737** • ACS **XI** • USP **42** • BOE **24627792(14-10-1983)172009(20-01-1998)** • Directive 78/664/E.C.E.96/77/EC • DAC 1986 •

HAZARDOUS: RTECS: WC 4600000 • LD50 oral rat 12.930 mg/kg •

SPECIFICATIONS:

Assay (Acidim.) 98,0-102,0 %

pH of 5% solution 8,7-9,3

Maximum limit of impurities

Insoluble matter in H₂O 0,005 %

Chloride (Cl) 0,001%

Nitrogen compounds (as N) 0,001%

Sulfate (SO₄) 0,005%

Heavy Metals (ICP-OES) 0,001 %

As 0,0005 %

Fe

0,001 %

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