

**Product Name****di-Sodium hydrogen phosphate dihydrate****Grade: Laboratory****Synonyms**

Sodium phosphate dibasic, disodium phosphate

**CAS Number**

10028-24-7

**General Information**

<b>Chemical formula:</b>	Na <sub>2</sub> HPO <sub>4</sub> · 2H <sub>2</sub> O	<b>Molar Mass:</b>	177.99 g/mol
<b>Appearance:</b>	Colorless liquid	<b>Density:</b>	2.1 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	93 g/l (20 °C)	<b>Melting point:</b>	> 92.5 °C
<b>pH value:</b>	9.0 - 9.4 (50 g/l, H <sub>2</sub> O, 20 °C)	<b>Thermal decomposition:</b>	> 92.5 °C
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Maybe irritant
<b>R:</b>	N/A	<b>S:</b>	N/A
<b>HS-No.:</b>	2835 22 900	<b>EC-Index-No.:</b>	231-448-7

**Hazard Symbol****Specification**

Assay (by acidimetry)	≥	98.0 - 100.5	%
Chloride (Cl)	≤	0.06	%
Sulfate (SO <sub>4</sub> )	≤	0.2	%
Heavy metals (as Pb)	≤	20	ppm
Loss on drying (130 °C)		18.5 - 21.5	%

**Ordering Information**

Volume:	1 Kg	2.5 Kg	5 Kg	10 Kg	20 Kg
<b>Plastic</b>	421.05.01000.02	–	421.05.05000.02	421.05.10000.02	–
<b>Glass</b>	–	–	–	–	–