

Technical data sheet



Product name: **Disodium hydrogen phosphate dihydrate**

Grade: **Extra pure**

Chemical formula: $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$

Molar mass: 177.99 g/mol

Synonyms: Disodium phosphate dihydrate; Sodium phosphate dibasic dihydrate

General information	
Cas- No.	10028-24-7
Ec-No.	231-448-7
Appearance	colorless or white solid
Boiling point	N/A
Melting point	92.5 °C
Flash point	N/A
Spec.density	2.1 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	93 g/l (20°C)
Storage temp	≤+30 °C
R:	N/A
S:	N/A

Specification	
Assay	98.5-100.5%
Identity	conforms
Solubility	conforms
In water insolub matter	≤0.3%
Sodium dihydrogen phosphate	≤1.7%
Chloride	≤0.005%
Sulphate	≤0.02%
Heavy metals (as Pb)	≤0.001%
pH-value	~9.0-9.2 (5%, water)
Loss on drying (130°C)	19.5-21.0 %
Bulk density	~850-1000 kg/ m ³

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



دفتر مرکزی: تهران- خیابان شهید بهشتی- خیابان میرعماد - کوچه ۱۴- ساختمان شماره ۳
Address : #14 ,4th Floor ,No3, Miremad Street, Beheshti Ave
TEL:88530442-88530443
www.armansina.com