
di-Sodium hydrogen phosphate dihydrate, Cell Culture Tested

TC507

Product Identifier

CAS No.	:	10028-24-7
EC No.	:	231-448-7
Molecular Formula	:	Na ₂ HPO ₄ ·2H ₂ O
Molecular Weight	:	177.99
Synonym	:	Sodium phosphate dibasic dihydrate
HS Code	:	2835 22 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White to off-white hygroscopic crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	7.50 - 9.20
Identification A	:	Reactions for sodium
Identification B	:	Reactions for phosphate
Loss on drying (at 120°C, 4 hr)	:	18.00 - 22.00%
Assay (HCl Titration)	:	99.00 - 102.00%
Cell Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1