

Specification Sheet

Product Name: **Sodium dihydrogen phosphate dihydrate**
 Specifications & Purity: Premium-Grade Reagents , for Analysis, Reag. Ph Eur
 SKU # **S431967**

Parameter	Limit Values
Appearance(S431967)	Colorless or White Crystals, May Contain Lumps
Purity(alkalimetric, calculated on anhydrous substance)	99-100.5 (%)
In water insoluble matter (calculated on dried substance)	≤0.15 (%)
pH-value (1 %, water)	4.1-5.0
pH-value (5 %; water)	4.2-4.5
Chloride (Cl-)	0-0.0005 (%)
Fluoride (F-)	0-0.001 (%)
Total nitrogen (as N)	≤0.001 (%)
Sulfate(SO42-)	0-0.01 (%)
Heavy metals(as Pb)	0-0.0005 (%)
(As)Arsenic	0-0.00005 (%)
Calcium(Ca)	0-0.005 (%)
Cadmium(Cd)	0-0.0001 (%)
Cobalt (Co)	0-0.005 (%)
Copper(Cu)	0-0.005 (%)
Iron(Fe)	0-0.001 (%)
Loss on drying(130°C)	21.5-24.0 (%)
Mercury(ICP)	≤0.00001 (%)
Potassium(K)	0-0.005 (%)
Magnesium(Mg)	0-0.005 (%)
Nickel(Ni)	0-0.005 (%)
Lead (Pb)	0-0.0004 (%)
Zinc(Zn)	0-0.025 (%)
Substances reducing potassium permanganate (as O)	passes test
Hydrogenphosphate(HPO4)	≤ 0.5 (%)