

Certificate of Analysis

Compound Information

Product Name:	Sodium phosphate dibasic,HPLC
Cat. No.:	1713188
CAS No.:	7558-79-4
Molecular Formula:	HNa ₂ O ₄ P
Molecular Weight:	141.96
Chemical Structure:	



Batch Information

Batch No.:	Lg0329232004
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-03-29
Retest Date:	2026-03-28
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (crystal)
Alkalinity:	9.0-9.4	9.3
Absorbance:	≤0.15 (230nm)	0.04
Absorbance:	≤0.12 (240nm)	0.03
Absorbance:	≤0.11 (250nm)	0.02
Absorbance:	≤0.05 (310nm)	0.01
Absorbance:	≤0.02 (500nm)	0
Loss On Drying,ω/%:	≤1.0	0.3
Nitrate(NO ₃),ω/%:	≤0.0005	Qualified
Carbonate (CO ₃):	Qualified	Qualified
Condensed Phosphate:	Qualified	Qualified
Reducing Substance:	Qualified	Qualified
Water Insoluble Substance,ω/%:	≤0.01	0.003
Calcium(Ca),ω/%:	≤0.01	0.002
Magnesium(Mg),ω/%:	≤0.001	0.0004

Iron(Fe),ω/%:	≤ 0.004	0.0004
Zinc(Zn),ω/%:	≤ 0.01	Qualified
Aluminium(Al),ω/%:	≤ 0.01	Qualified
Cadmium (Cd),ω/%:	≤ 0.0003	Qualified
Lead(Pb),ω/%:	≤ 0.0005	0.0002
Mercury (Hg),ω/%:	≤ 0.0003	0.00006
Arsenic(As),ω/%:	≤ 0.0003	0.0001
Heavy Metals(as Pb):	Qualified	Qualified
Bacterial Endotoxin,EU:	≤ 0.5	Qualified
Assay,ω/%:	≥ 99.0	99.8
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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