

Certificate of Analysis

Compound Information

Product Name:	Sodium hexafluorophosphate, 99.9%, battery grade
Cat. No.:	1448767
CAS No.:	21324-39-0
Molecular Formula:	F ₆ NaP
Molecular Weight:	167.95
Chemical Structure:	



Batch Information

Batch No.:	Lg0625270928
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-06-25
Retest Date:	2026-06-24
Origin:	Shanghai, China

QC Summary

QC Summary	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Assay, ω/%:	≥99.9	99.98
Free Acid (as HF), ppm:	≤200	35
Moisture, ppm:	≤100	4
DMC Insoluble, ppm:	≤200	120
Potassium(K), ppm:	≤5.0	0.55
Calcium(Ca), ppm:	≤5.0	ND
Iron(Fe), ppm:	≤5.0	0.49
Nickel(Ni), ppm:	≤1.0	0.10
Lead(Pb), ppm:	≤1.0	qualified
Zinc(Zn), ppm:	≤1.0	0.01
Arsenic(As), ppm:	≤1.0	0.01
Chromium(Cr), ppm:	≤1.0	0.28
Magnesium(Mg), ppm:	≤1.0	0.01
Copper(Cu), ppm:	≤1.0	ND

Cadmium (Cd),ppm:	≤1.0	0.02
Sulfate(SO₄),ppm:	≤10.0	qualified
Chloride(Cl),ppm:	≤10.0	qualified
Conclusion:	The product has been tested and complies with the given specifications.	

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

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai