



# NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.  
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

## Certificate of Analysis (COA)

### Product Information

Item	Details
Product Name	Sodium Hypophosphite
Product Number	SP-20260215
Batch Number	SP-SH2026021501
Brand	SIGALD
CAS Number	7681-53-0
MDL Number	MFCD00003518
Formula	NaH <sub>2</sub> PO <sub>2</sub>
Formula Weight	87.98 g/mol
Quality Release Date	15 FEB 2026

### Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder/crystals	Crystalline powder	-	Visual Inspection
Purity (NaH <sub>2</sub> PO <sub>2</sub> )	≥ 98.0%	98.7%	%	Acid-Base Titration
Moisture Content	≤ 0.5%	0.12%	%	Karl Fischer Titration
pH Value (10% aq. solution, 25°C)	5.0-7.0	6.2	-	Digital pH Meter
Sulfate (SO <sub>4</sub> <sup>2-</sup> ) Content	≤ 0.05%	0.01%	%	Turbidimetric Method
Chloride (Cl <sup>-</sup> ) Content	≤ 0.05%	0.008%	%	Silver Nitrate Titration
Heavy Metals (Pb)	≤ 5 ppm	0.6 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Iron (Fe)	≤ 5 ppm	0.4 ppm	ppm	Spectrophotometry
Insoluble Matter in Water	≤ 0.1%	0.02%	%	Gravimetric Method
Phosphite (HPO <sub>3</sub> <sup>2-</sup> ) Content	≤ 0.5%	0.15%	%	Iodometric Titration

### Certification

This batch of Sodium Hypophosphite has been tested in accordance with the established industrial standards and meets all specified requirements for purity, physical properties and impurity limits. It is qualified for industrial electroplating, chemical plating and reducing agent applications.

**Issue Date: 15 FEB 2026**