



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (Hair Bleaching Powder (White))

Issue Date: 20 FEB 2026 Quality Release Date: 20 FEB 2026

### Product Name

Hair Bleaching Powder (White) 头发漂白粉 (白色)

### Product Information

Product Number HBP-W-20260220  
Batch Number HBP-W-SH2026022001  
Brand SIGALD  
CAS Number N/A (Composite cosmetic raw material mixture)  
MDL Number N/A (No specific MDL for composite bleaching powder)  
Formula Blend of Sodium Persulfate, Potassium Persulfate, Ammonium Persulfate, Silica, Conditioning Agents  
Formula Weight Variable (Inorganic-organic composite mixture)  
Form White free-flowing powder, no caking

### Test Results

Test	Specification (Cosmetic Industry Standard)	Result	Unit	Test Method
Appearance (Color/Form)	White powder, uniform, no caking	Conforms	-	Visual Inspection (25°C)
Particle Size	95% pass 100 mesh sieve	Conforms	-	Standard Sieve Method
Active Oxygen Content	≥ 6.0%	6.8%	%	Iodometric Titration
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
pH Value (10% aqueous solution, 25°C)	8.5 ~ 10.5	9.2	-	Digital pH Meter
Whitening Efficacy (1:2 with 6% H <sub>2</sub> O <sub>2</sub> , 30min)	≥ 5 shades lift	6 shades lift	-	Hair Colorimetric Method
Heavy Metals (Pb)	≤ 10 ppm	2.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.4 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Heavy Metals (Hg)	≤ 1 ppm	0.1 ppm	ppm	Cold Vapor Atomic Absorption Spectrometry
Microbial Limit (Total Aerobic Count)	≤ 1000 CFU/g	186 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Staphylococcus aureus	Negative	Negative	-	Microbiological Detection
Packaging Sealing	Intact, no leakage	Conforms	-	Vacuum Leak Test

### Certification

This batch of product has been tested in accordance with cosmetic industry standards for hair bleaching powder and meets all specified requirements. It is qualified for professional hair bleaching and coloring use in beauty salons and personal care scenarios.