



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis

**Product Name: Hair Bleaching Powder (Blue)**  
**Product Information**

Product Number HBP-B-20260220  
Batch Number HBP-B-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 Bleaching & Auxiliary Ingredients (Sodium Persulfate, Potassium Persulfate, Silica, Blue Toner, Stabilizer)  
Formula Weight Variable (Inorganic & organic composite mixture)  
Quality Release Date 20 FEB 2026

### Test Results

Test	Specification (Cosmetic Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Bright blue powder	Bright blue powder	-	Visual Inspection
Appearance (Form)	Free-flowing fine powder, no caking	Free-flowing fine powder, no caking	-	Visual Inspection & Sieve Test (100 mesh)
Total Persulfate Content (Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub> +K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> )	≥ 60.0%	65.2%	%	Iodometric Titration
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
pH Value (10% aq., 25°C)	7.0-9.0	8.1	-	Digital pH Meter
Bleaching Efficiency (1:2 with 6% H <sub>2</sub> O <sub>2</sub> , 30min)	≥ 80% (hair lightening level)	86% (hair lightening level)	%	Cosmetic Hair Bleaching Test
Heavy Metals (Pb)	≤ 5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.3 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Heavy Metals (Hg)	≤ 1 ppm	0.1 ppm	ppm	Cold Vapor Atomic Absorption Spectrometry
Arsenic (Cd)	≤ 5 ppm	0.4 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Microbial Limit (Total Bacterial Count)	≤ 1000 CFU/g	186 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Staphylococcus aureus	Negative	Negative	-	Microbiological Detection
Supplier Information	Confirmed	Confirmed	-	
Registered Trademark	Confirmed	Confirmed	-	

### 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 use as cosmetic raw material for hair care.  
Issue Date:20 FEB 2026