



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	Talc Powder (Asbestos-Free)
Product Number	TP-20260221
Batch Number	TP-SH2026022101
Brand	SIGALD
CAS Number	14807-96-6
MDL Number	MFCD00149572
Formula	3MgO · 4SiO ₂ · H ₂ O (Hydrated Magnesium Silicate)
Molecular Weight	379.27 g/mol
Quality Release Date	21 FEB 2026

Test Results

Test	Specification (Industrial Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Fine crystalline powder	Fine powder	-	Visual Inspection
Whiteness (CIE)	≥ 95%	97.2%	%	Whiteness Meter
SiO ₂ Content	60.0-65.0%	62.8%	%	X-ray Fluorescence Spectrometry
MgO Content	28.0-32.0%	30.5%	%	X-ray Fluorescence Spectrometry
Fe ₂ O ₃ Content	≤ 0.05%	0.02%	%	Atomic Absorption Spectrometry (AAS)
Al ₂ O ₃ Content	≤ 0.5%	0.15%	%	Atomic Absorption Spectrometry (AAS)
Moisture Content	≤ 0.2%	0.08%	%	Karl Fischer Titration
Ash Content	≤ 0.1%	0.03%	%	Ignition Gravimetric Method
Particle Size (D50)	3-5 μm	4.1 μm	μm	Laser Particle Size Analyzer
pH Value (5% aq. suspension)	8.0-9.5	8.8	-	Digital pH Meter
Oil Absorption Value	25-35 g/100g	30.2 g/100g	g/100g	Oil Absorption Method
Asbestos Content	Negative	Negative	-	X-ray Diffraction (XRD)
Heavy Metals (Pb)	≤ 5 ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)

Certification

This batch of Asbestos-Free Talc Powder has been tested in accordance with the established industrial standards and meets all specified requirements for chemical composition, physical properties and impurity limits. It is qualified for use in plastic, rubber, coating, papermaking and cosmetic applications.

Issue Date: 21 FEB 2026