



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

Product Name Iron(II) Sulfide
Product Number FES-20260201
Batch Number FES-SH2026020101
Brand SIGALD
CAS Number 1317-37-9
MDL Number MFCD00011001
Formula FeS
Formula Weight 87.91 g/mol

Quality Release Date 01 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	Black	Black	-	Visual Inspection
Appearance (Form)	Powder or lumps	Powder	-	Visual Inspection
Purity (FeS)	≥ 95.0%	96.2%	%	Titration Method
Iron (Fe) Content	63.5-64.5%	64.0%	%	Atomic Absorption Spectrometry (AAS)
Sulfur (S) Content	35.5-36.5%	35.8%	%	Combustion-Iodometric Titration
Heavy Metals (Pb)	≤ 0.001%	0.0003%	%	Atomic Absorption Spectrometry (AAS)
Iron(III) (Fe ³⁺)	≤ 1.0%	0.6%	%	Spectrophotometry
Moisture Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Insoluble Matter in Dilute Acid	≤ 0.5%	0.3%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with industrial standards for iron(II) sulfide and meets all specified requirements. It is qualified for use.

Issue Date: 01 FEB 2026