



FENG•RUN | FENG•SIL
High Performance Silica Producer

Sanming Fengrun Chemical Industry Co.,Ltd

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BR-TVI-7502

CERTIFICATE OF ANALYSIS

Product	PRECIPITATED SILICA		
Model	FENG•SIL-180GR	Batch No	250305
Produce date	2025.03.05	Test date	2025.03.05
Executive Standard	HG/T3061	Quantity	21.5t
Period of validity	24months		

ANALYSIS RESULT

No	Item	Target	Result	Method
1	Appearance	White Granular	White Granular	GB25576
2	Silica(SiO ₂) content of ignition sample %	≥98.0	98.1	HG/T3062
3	Loss on heating at 105°C (%)	4.0-8.0	6.8	HG/T3065
4	Loss on ignition at 1000°C of dried sample (%)	≤7.0	4.4	HG/T3066
5	Specific surface area (BET)m ² /g	165-190	171	GB/T10722
6	DBP(oil absorption value) cm ³ /100g	200-350	206	HG/T3072
7	pH of slurry(5g of silica in 100g of water)	5.0-8.0	6.9	ISO787-9
8	Water-soluble matter(%)	≤1.5	1.0	HG/T3748
9	Total Iron content of dried sample(mg/kg)	≤500	300	HG/T3070
10	Particle size > 20mesh	≥80	83	GB/T5917.1
11	Particle size < 80mesh	≤10	7	GB/T5917.1
Conclusion: ☒ pass ☐ fail				
Inspect: Huang wei		Check: Huang Hongyan		

