



BEIJING MININGSUN IMP AND EXP CO., LTD

No.48 Lilaihuayuan, Linyin Road, Shunyi District, Beijing, China

Tel: +86 10 8416 3882 | Mobile: +86 13911536292

Email: bjminingsun@aliyun.com | info@miningsun.com

Website: www.miningsun.com

CERTIFICATE OF ANALYSIS

Date: 20.Nov.2025

This is to certify that we, as the supplier, have inspected the sample. The inspected condition and analytical results are as follows:

Exporter / Contractor	Beijing Miningsun Imp And Exp Co., Ltd. (An Steel)
Product	GGBFS
Quantity of Sample	9502 g

Results of Inspection

Chemical Composition

Inspection Item	Unit	Result	Standard No.
CaO	%	40.10	BS EN 196-2:2013 (E)
MgO	%	7.67	BS EN 196-2:2013 (E)
SiO ₂	%	35.09	BS EN 196-2:2013 (E)
Al ₂ O ₃	%	14.87	BS EN 196-2:2013 (E)
TiO ₂	%	0.61	BS EN 196-2:2013 (E)
MnO	%	0.22	BS EN 196-2:2013 (E)
Na ₂ O	%	0.37	BS EN 196-2:2013 (E)
K ₂ O	%	0.30	BS EN 196-2:2013 (E)
Fe ₂ O ₃	%	0.51	GB/T 6730.8-2016
Na ₂ O + 0.658 K ₂ O	%	0.57	BS EN 196-2:2013 (E)
SO ₃	%	0.07	GB/T 203-2008
LOI	%	0.10	BS EN 196-2:2013 (E)
Cl	%	0.009	BS EN 196-2:2013 (E)
Insoluble Substance	%	0.10	BS EN 196-2:2013 (E)



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Results of Inspection - Continued

Physical and Performance Tests

Inspection Item	Unit	Result	Standard No.
H2O	%	0.02	BS EN 15167-1:2006
Specific Surface	cm2/g	4150	BS EN 196-6:2018
Intensity Activity Index - 7 Days	%	74	BS EN 15167-1:2006
Intensity Activity Index - 28 Days	%	99	BS EN 15167-1:2006
Initial Setting Time Ratio	%	98	BS EN 15167-1:2006
Fluidity Ratio	%	102	GB/T 18046-2017
Bulk Density	g/cm3	2.88	GB/T 18046-2017
Glass	%	97.4	GB/T 203-2008
Specific Radioactivity (Potassium-40)	Bq/kg	18.6	GB 6566-2010
Specific Radioactivity (Radium-226)	Bq/kg	108.4	GB 6566-2010
Specific Radioactivity (Th-232)	Bq/kg	88.7	GB 6566-2010
Internal Irradiation Index	-	0.5	GB 6566-2010
External Irradiation Index	-	0.6	GB 6566-2010

Test person: Li Ping

Approval:

BEIJING MININGSUN IMPORT & EXPORT CO., LTD.

Authorized Signature / Company Stamp

