



BEIJING MININGSUN IMP AND EXP CO., LTD

Add : L48-1 No 3 Yutianxia Linyin Road Shunyi District Beijing
101312, China

TEL: 00 86 10 84163882 Mobile: 00 86 13911536292

Emai: bjminingsun@aliyun.com luna@miningsun.com

CERTIFICATE OF ANALYSIS

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Date: 20 Nov 2025

Expoter(contractor)	Beijing Miningsun Imp And Exp Co.,Ltd (An Steel)		
Name of products	GGBFS		
Quantity of sample	9502g		
INSPECITION ITEMS	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/T6730.8-2016
Na ₂ O+ 0.658 K ₂ O	%	0.57	BS EN 196-2:2013 (E)
SO ₃	%	0.07	GB/T203-2008
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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INSPECTION TERM	UNIT(%)	RESULT	STANDARD No
H2O	%	0.02	BS EN15167-1:2006
Specific Surface	cm2/g	4150	BS EN 196-6:2018
Intensity activity index 7days	%	74	BS EN15167-1:2006
Intensity activity index 28days	%	99	BS EN15167-1:2006
Initial setting time ratio	%	98	BS EN15167-1:2006
Fluidity ratio	%	102	GB/T 18046-2017
Bulk Density	g/cm3	2.88	GB/T 18046-2017
Glass	%	97.4	GB/T203-2008
Specific radioactivity (Potassium-40)	Bq/kg	18.6	GB6566-2010
Specific radioactivity (Radium-226)	Bq/kg	108.4	GB6566-2010
Specific radioactivity (-232)	Bq/kg	88.7	GB6566-2010
Internal illumination Index	Bq/kg	0.5	GB6566-2010
Outer irradiation index	Bq/kg	0.6	GB6566-2010

Test person: Li ping

Agreement: Chang Fu Li

