

## Graphite

Art. ID	NCS DC28121
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

### Description

Ad, Vd: GB212?2008 analytical method of coal for industry, GB/T3521-2008 Chemical analysis method of graphite.  
/// SiO<sub>2</sub>: Gravimetric method after dehydration with perchloric acid, Molybdenum blue photometric method ///  
Fe<sub>2</sub>O<sub>3</sub>: EDTA titrimetric method after separation, Photometric method after separation, ICP-AES /// CaO: EDTA  
titrimetric method, ICP-AES method, AAS /// MgO: Atomic absorption spectrometry, ICP-AES method, EDTA  
titrimetric method, /// Al<sub>2</sub>O<sub>3</sub>: EDTA titrimetric method, ICP-AES /// TiO<sub>2</sub>: ICP-AES method, Colorimetric method with  
diantipyrylmethane, H<sub>2</sub>O<sub>2</sub> photometric method /// MnO: ICP-AES method, Atomic absorption spectrometry /// K<sub>2</sub>O:  
ICP-AES method, Atomic absorption spectrometry /// Na<sub>2</sub>O: ICP-AES method, Atomic absorption spectrometry ///  
P<sub>2</sub>O<sub>5</sub>: Molybdenum blue photometric method, ICP-AES

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	St,d		0,99	%	GB/T214—20 07 method of determi nation of total sulf ur in coal	
Certified value	Ad		90,65	%		
Certified value	Vd		2,48	%		
Certified value	SiO <sub>2</sub>		50,28	%		
Certified value	Fe <sub>2</sub> O <sub>3</sub>		5	%		
Certified value	CaO		11,12	%		
Certified value	MgO	[1309-48-4]	8,43	%		
Certified value	Al <sub>2</sub> O <sub>3</sub>		10,72	%		
Certified value	TiO <sub>2</sub>		0,36	%		
Certified value	MnO		0,047	%		
Certified value	K <sub>2</sub> O		2,32	%		
Certified value	Na <sub>2</sub> O		1,38	%		
Certified value	P <sub>2</sub> O <sub>5</sub>		0,083	%		