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Graphite Ore

Art. ID	NCS DC60121
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

Description

SiO2: Gravimetric method by drying with the vapor of HCl, X-ray fluorescence analytical method, ICP spectra method /// Al2O3: Gravimetric method with ammonium hydeoxide, EDTA titrimetric method, Acid-base neutralization method, /// X-ray fluorescence analytical method, ICP spectra method /// TFe2O3: Colorimetric method with sulfo-salicylic acid, EDTA titrimetric method, Potassium bichromate titrimetric method /// TiO2: Colorimetric method with diantipylmethane, Colorimetric method with hydrogen peroxide, X-ray fluorescence analytical method, ICP spectra method /// CaO: Gravimetric method with ammonium oxalate, EDTA titrimetric method, Atomic absorption method, X-ray fluorescence analytical method, ICP spectra method /// MgO: Gravimetric method with phosphate, EDTA titrimetric method, Atomic absorption method, X-ray fluorescence analytical method, ICP spectra method /// K2O, /// Na2O: Flame emission spectrometric method, Atomic absorption method, X-ray fluorescence analytical method, ICP spectra method /// MnO: Colorimetric method with potassium periodate, Atomic absorption method, X-ray fluorescence analytical method, ICP spectra method /// P2O5: Colorimetric method with ammonium vanadate and molybdate, X-ray fluorescence analytical method /// S: Gravimetric method with barium sulfate, Iodimetry /// CO2: Gravimetric method by ascarite absorption, Non-water titrimetric method /// Ash: Gravimetric method(900-1000?C) /// Volatile: Gravimetric method[(950?20)?C] /// H2O+: Penfield method /// Graphite carbon: Gravimetric method by ascarite absorption, Non-water titrimetric method, Indirect carbon determine method ///

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	SiO2		10,34	%		
	Al2O3		5,6	%		
	Fe2O3 total		1,48	%		
	TiO2		0,55	%		
	MgO	[1309-48-4]	0,5	%		
	CaO		0,74	%		
	K2O		0,99	%		
	Na2O		0,23	%		
	MnO		0,022	%		
	P2O5		0,16	%		
	CO2		0,28	%		
	Sulfur (S)	[7704-34-9]	0,14	%		
	H2O+		1,98	%		
	C graphite		76,5	%		
	Ash		20,78	%		
	% Volatile		2,72	%		