

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 hydroxide, 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
	SiO ₂		10,34	%		
	Al ₂ O ₃		5,6	%		
	Fe ₂ O ₃ total		1,48	%		
	TiO ₂		0,55	%		
	MgO	[1309-48-4]	0,5	%		
	CaO		0,74	%		
	K ₂ O		0,99	%		
	Na ₂ O		0,23	%		
	MnO		0,022	%		
	P ₂ O ₅		0,16	%		
	CO ₂		0,28	%		
	Sulfur (S)	[7704-34-9]	0,14	%		
	H ₂ O+		1,98	%		
	C graphite		76,5	%		
	Ash		20,78	%		
	% Volatile		2,72	%		