

Graphite Ore

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|-----------------|-----------------------------------|
| Art. ID | NCS DC60120 |
| 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 | | 49,34 | % | | |
| | Al ₂ O ₃ | | 13,03 | % | | |
| | Fe ₂ O ₃ total | | 6,99 | % | | |
| | TiO ₂ | | 0,64 | % | | |
| | MgO | [1309-48-4] | 5,35 | % | | |
| | CaO | | 5,34 | % | | |
| | K ₂ O | | 2,17 | % | | |
| | Na ₂ O | | 1,56 | % | | |
| | MnO | | 0,054 | % | | |
| | P ₂ O ₅ | | 0,14 | % | | |
| | CO ₂ | | 0,67 | % | | |
| | Sulfur (S) | [7704-34-9] | 2,59 | % | | |
| | H ₂ O+ | | 2,8 | % | | |
| | C graphite | | 9,91 | % | | |