

ICS 77.100  
CCS H 11

**YB**

**INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**YB/T 4531-2016**

---

**Ferrophosphorus. Determination of silicon content. Silicon  
molybdenum blue spectrophotometric method**

磷铁 硅含量的测定 硅钼蓝分光光度法

**(English Translation)**

**Issued on: April 5, 2016**

**Implemented on: September 1, 2016**

---

**Issued by: Ministry of Industry and Information Technology**

## Table of Contents

|                                         |   |
|-----------------------------------------|---|
| What this standard covers .....         | 1 |
| Document data .....                     | 2 |
| Standards quoted by this document ..... | 3 |

### What this standard covers

This standard specifies the use of silicon molybdenum blue spectrophotometric determination of silicon content. This standard is applicable to the determination of silicon content in phosphorus iron, the determination range (mass fraction): 0.050% ~ 4.00%.

### Document data

International classification (ICS): 77.100.

Chinese classification (CCS): H11.

Estimated length of the Chinese original: 7,751 words.

### Standards quoted by this document

GB/T 4010; GB/T 6682; GB/T 7729; GB/T 12806; GB/T 12807; GB/T 12808