



GB 5009 87 —2016

2016-12-23

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2009 GB/T 5009.87—2003 GB 5413.22—2010 GB/T 9695.4—
GB/T 22427.11—2008 (I CP-AES) GB/T 23375—
2009 GB/T 18932.11—2002 NY/T 1018—2006
NY/T 1738—2009 SN/T 0446—1995
SN/T 0801

1

2

660 nm

3

GB/T 6682

3.1

- 3.1.1 (H₂SO₄):
- 3.1.2 (HClO₄):
- 3.1.3 (HNO₃):
- 3.1.4 (HCl):
- 3.1.5 (C₆H₆O₂)
- 3.1.6 (Na₂SO₃)
- 3.1.7 [(NH₄)₆Mo₇O₂₄·4H₂O]
- 3.1.8 (SnCl₂·2H₂O)
- 3.1.9 (NH₂NH₂·H₂SO₄)

3.2

- 3.2.1 (15%): 15 mL, 80 mL, 100 mL,
- 3.2.2 (5%): 5 mL, 90 mL, 100 mL,
- 3.2.3 (3%): 3 mL, 90 mL, 100 mL,
- 3.2.4 (1+1): 500 mL, 500 mL,
- 3.2.5 (50 g/L): 5 g, (15%), 100 mL,
- 3.2.6 (5 g/L): 0.5 g, 100 mL,
- 3.2.7 (200 g/L): 20 g, 100 mL,

3.2.8 - : 0.1 g , 0.2 g , (3%)
100 mL , 4 1

3.3

(K H₂PO₄, CAS 7778-77-0): > 99.99%

3.4

3.4.1 (100.0 mg/L): 105 0.439 4 g (
0.000 1 g) , 1 000 mL ,

3.4.2 (10.0 mg/L): 10 mL (100.0 mg/L), 100 mL

4

4.1

4.2

4.3

4.4 : 0.1 mg 1 mg

5

5.1

5.1.1

5.1.2

5.1.3

5.2

5.2.1

0.2 g ~ 3 g (0.001 g) 0.500 mL ~ 5.00 mL
, 10 mL , 1 mL , 2 mL , (:120 /0.5 h ~ 1 h
180 /2 h ~ 4 h 200 ~ 220) ,
, 20 mL , 100 mL ,

5.2.2

0.5 g ~ 5 g (0.001 g) 0.500 mL ~ 10.0 mL ,
, 550 (1+1), 2 mL (1+1), 10 mL
, 100 mL

5.3

5.3.1

5.3.1.1

0 mL 0.500 mL 1.00 mL 2.00 mL 3.00 mL 4.00 mL 5.00 mL ,
0 μg 5.00 μg 10.0 μg 20.0 μg 30.0 μg 40.0 μg 50.0 μg , 25 mL ,
2 mL (50 g/L) 1 mL

:
 _____ , _____ (mg/100 g mg/100 mL);
 1 _____ , _____ (μg);
 0 _____ , _____ (μg);
 1 _____ , _____ (mL);
 _____ , _____ (g mL);
 2 _____ , _____ (mL);
 100 _____ ;
 1 000 _____

7

5%

8

0.5 g (0.5 mL), 100 mL , 20 mg/100 g (20 mg/100 mL),
 60 mg/100 g (60 mg/100 mL)

9

440 nm

10

GB/T 6682

10.1

10.1.1 (HCl O₄):

10.1.2 (HNO₃):

10.1.3 (H₂SO₄):

10.1.4 [(NH₄)₆Mo₇O₂₄ · 4H₂O]

10.1.5 (NH₄VO₃)

10.1.6 (NaOH)

10.1.7 2.6 2.4 [C₆H₃OH(NO₂)₂]

10.2

10.2.1 :

A : 25 g , 400 mL



10.2.2 (6 ml/L): 240 g, 1 000 mL
 10.2.3 (0.1 ml/L): 4 g, 1 000 mL
 10.2.4 (0.2 ml/L): 12.5 mL, 1 000 mL
 10.2.5 (2 g/L): 0.2 g 2.6, 2.4, 100 mL

10.3

(K₂HPO₄, CAS 7778-77-0): > 99.99%

10.4

(50.00 mg/L): 105, 0.219 7 g (4)
 0.000 1 g), 400 mL, 1 L

11

4

12

12.1

5.1

12.2

5.2

12.3

0 mL 2.50 mL 5.00 mL 7.50 mL 10.0 mL 15.0 mL 50 mL
 10 mL, 0 mg/L
 2.50 mg/L 5.00 mg/L 7.50 mg/L 10.0 mg/L 15.0 mg/L 25 ~ 30 15 min 1 cm
 440 nm

12.4

10 mL, 50 mL, 2
 (2 g/L), (6 ml/L), (0.2 ml/L)
 (0.1 ml/L)

$$\frac{(x_0)}{1} \times \frac{100}{1000} \times 100 \dots\dots\dots (2)$$

:
 _____ , (mg/100 g mg/100 mL);
 _____ , (mg/L);
 0 _____ , (mg/L);
 _____ (mL);
 2 _____ (mL);
 _____ (g mL);
 1 _____ (mL);
 1 000 _____ ;
 100 _____

14

5%

15

0.5 g (0.5 mL), 100 mL , 20 mg/100 g (20 mg/100 mL),
 60 mg/100 g (60 mg/100 mL)

GB 5009.268

