.....3

.....3

.....4

.....4

1. —— 15504530

2. —— 9787111420828

3. ——
9787111451051

4. 9787122274649

5. 9787122296610

6. GB/T7739.4-2021 4
-

0.074μm 0.3000g±0.0005g

1. 10
2. 100 14% 40
60
3.
4.

5.

4.3

4.4 ρ=1.19g/mL

4.5 ρ=1.42g/mL

4.6

4.7 - 300g/L 90g 400mL 150mL 100mL ρ =1.05g/mL 300mL pH 5

4.8 100 g/L

4.9 5g/L 0.5g 100mL

4.10 100g/L 10g 400mL 100mL 2g 4.2 2mL

4.12 [c Na2S2O3 · 5H2O ≈ 0.04mol/L]

a. 100g $Na_2S_2O_3 \cdot 5H_2O$ 500mL 2g 300mL 10L 10L 10 mL

b. 25.00mL 4.12 500 mL 5mL 4.6 1mL 4.9 1mL 30mL 5.3.2

4.13.2

5.

1

0.0001g

/	/g
2.00 10.00	0.50
10.00 25.00	0.30

2

3

a. 5.1 500mL 10 mL 4.5 3min 5min

5mL

10

30

1. “

” “ ”

2.

3.

4.

5.

0

6.

7.

1.

1 40

1		2	
2		4	
3		30	

4		4	

2 60

m_{max} m

$=60-60\times(m_{max}-m)/m_{max}$

3

1 1

1

10

2.

1 30

1		1	
2		1	
3		8	
4		6	
5		12	
6		2	

2 50

( )

1	$Q=SUM(Q_i)$	35	

	$Q_i = (17.5 - 7 \times K_i)$ $K_i = U_i - X_i / U_i$ X_i Q_i		
2	0.04% 1 0.08% 2 0.12% 3 0.16% 4 0.20% 5 0.00002mol/L 1 0.00004 2 0.00006 3 0.00008mol/L 5	15	
3	1. 1 1 1 2. 2 3. 5 4. 10 5. 50		

3 20

150

, 30 1

3.

4.

5.

6.

1.

2.

2022 ——

“ ”