

提交单位： 中德士化奥化 有限公司

编制单位： _____ 有限公司

日期： 年 月

1、项目由来	2
2 编制依据	2
2.1	2
2.2	3
2.3	3
3、资料搜集、现场踏勘、人员访谈	4
3.1资料搜集	4
3.2现场踏勘	4
3.3人员访谈	4
4 企业资料	5
4.1企业基本信息	5
4.2企业生产概况	7
4.3其他环保设施	9
5 重点区域及设施清单	19
6	19
6.1	19
6.2	22
6.3	24
6.4	28
6.5	30
6.6	36
7	42
7.1	42
7.2	42
7.3	45
7.4	52
8	63
8.1	64
8.2	65
8.3	66
8.4	70

、项目由来

(2016 31)

2021 11 13

()

(HJ1209- 2021)

2022 1 1

2023

2023

2023 5

、编制依据

2.1

1. ()

2. ()

3. (2017 6 27)

3.

2022

4.

2022

5

资料搜集

() (HJ 1209-

2021)

3.1资料搜集

(1)

(

2009 5)

(2)

(

2018 5)

(3)

(

911501227566894696001Q

2020 9 16)

(4)

1000

1000

2023 64

现场踏勘

人员访谈

、企业资质

企业资质

70
66666.7m² 10000
10000
2008 5 2008 9
8 " 2020 167 2020 168
" 2009 2 27 2009 12
2020 9 16
911501227566894696001Q 2018 4

项目地理位置图



企业生产概况

生产工艺流程

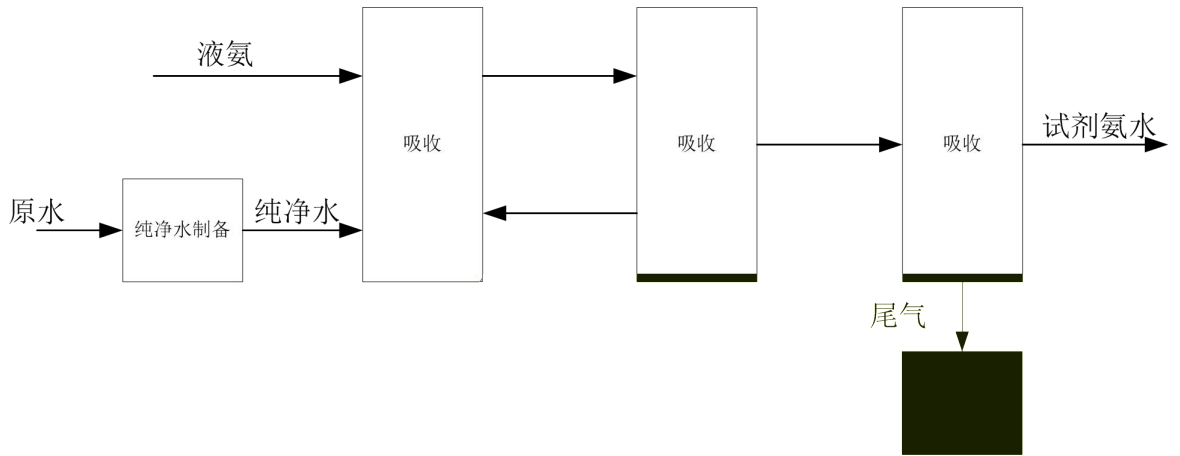
1

.5%

20 26%

3+ 2 4

4-3

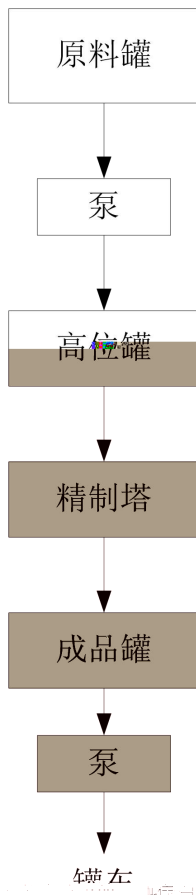


2

2+ 2+ 3²⁻ 4²⁻ 3²⁻ 2+ 3+

31% 33%

3-1



产污环节分析

废气污染防治措施

废水污染防治措施

500³

10



(GB12348-2008) 3

1. 固废污染防治措施

其他环保设施

1

1

2

1000

3

1 100³

4

主要原辅材料

2250

t

30

02# QI d10— [b (.. .• (..•B d°H,•ss@ λ2 [b (..•B d°



x

EXPERVLS

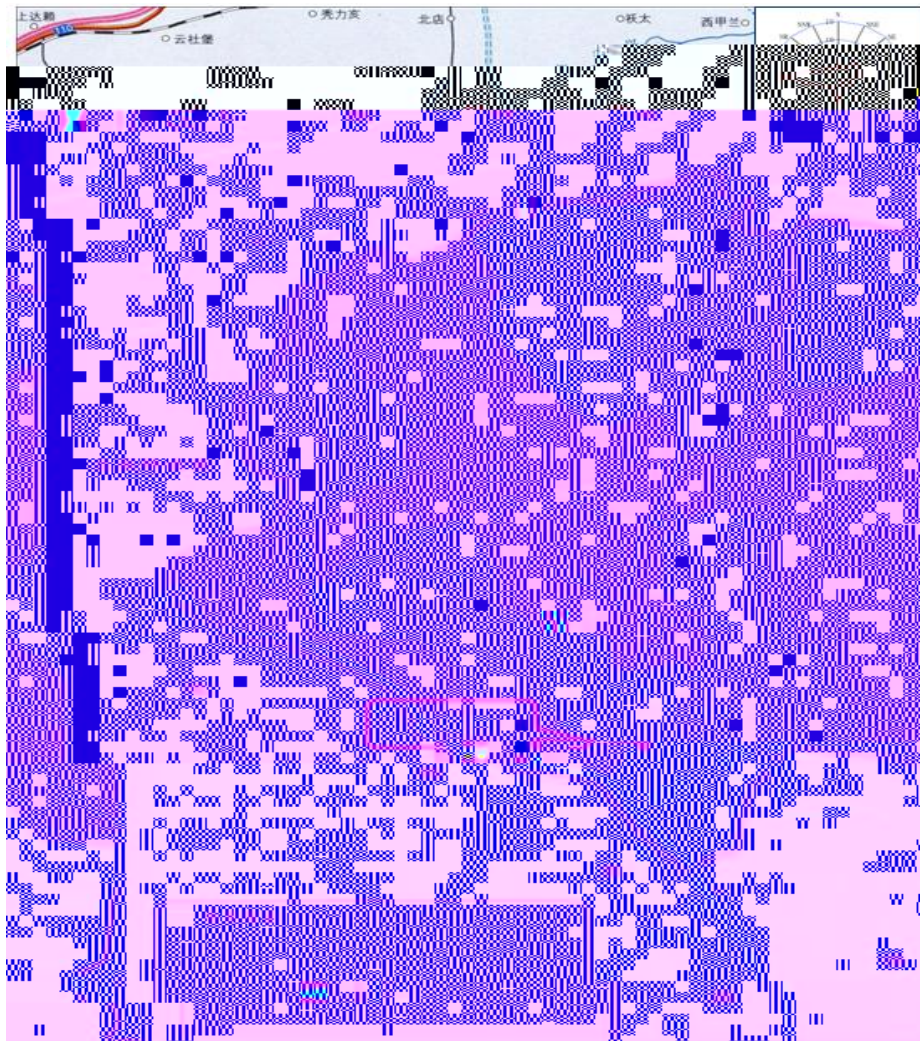
13

65

50

130

4-4



(2)

1016

1000 1140

3 10

40 60

8 1020

.

30 135

1

1130 1245

30 100

1

1350 2000

170 320

20 30

10 20

2

1150 1350

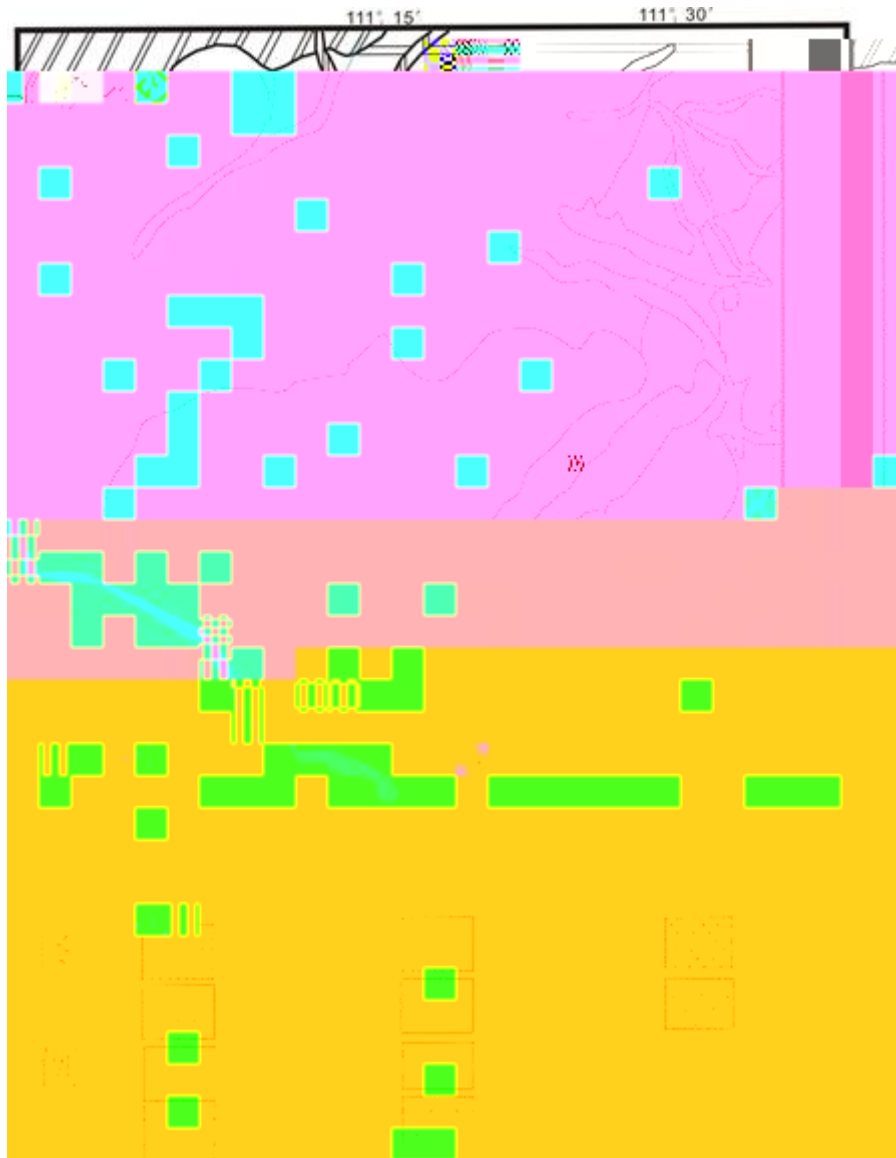
50 100

3

10 20

1100 1250

1000 1050



(3)

300-600

1500 3/

100 3/

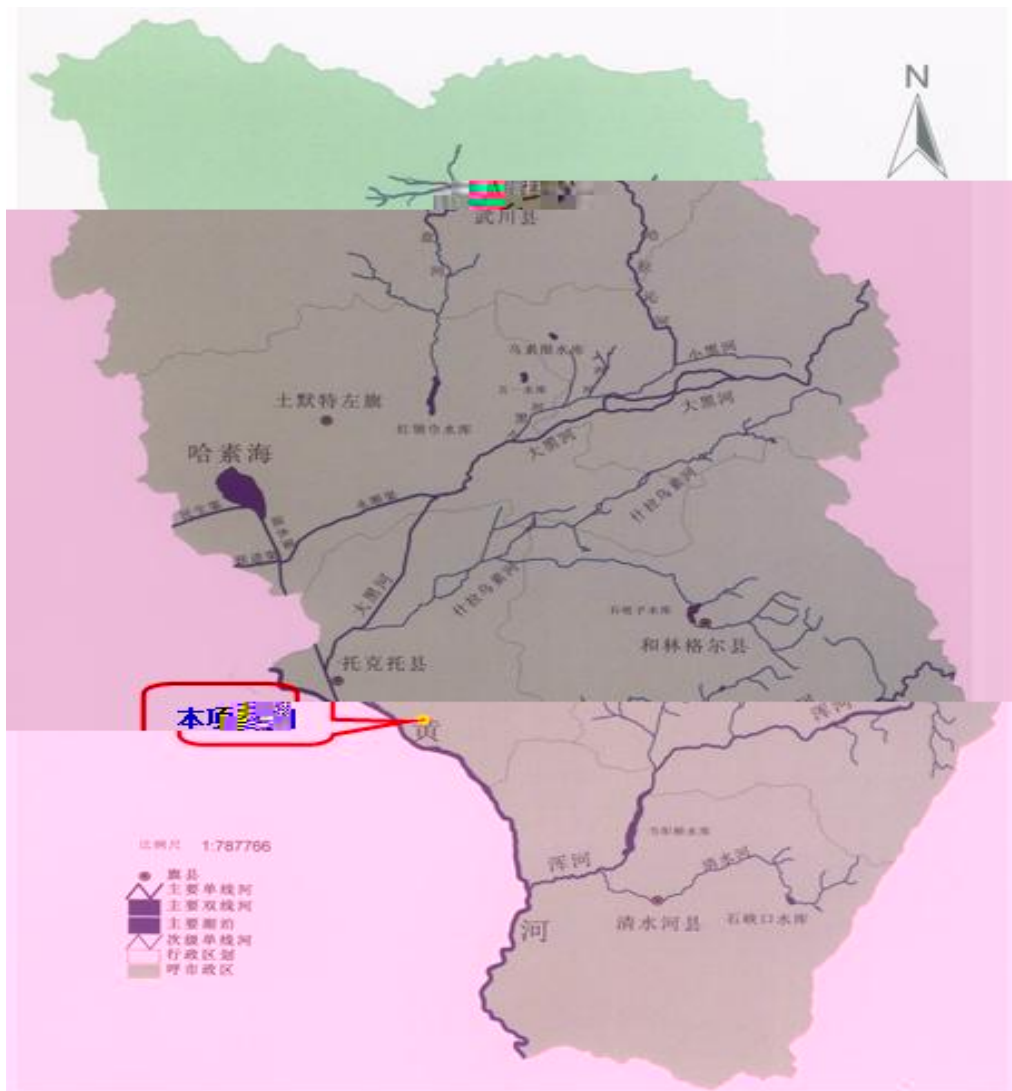
10 3/

2

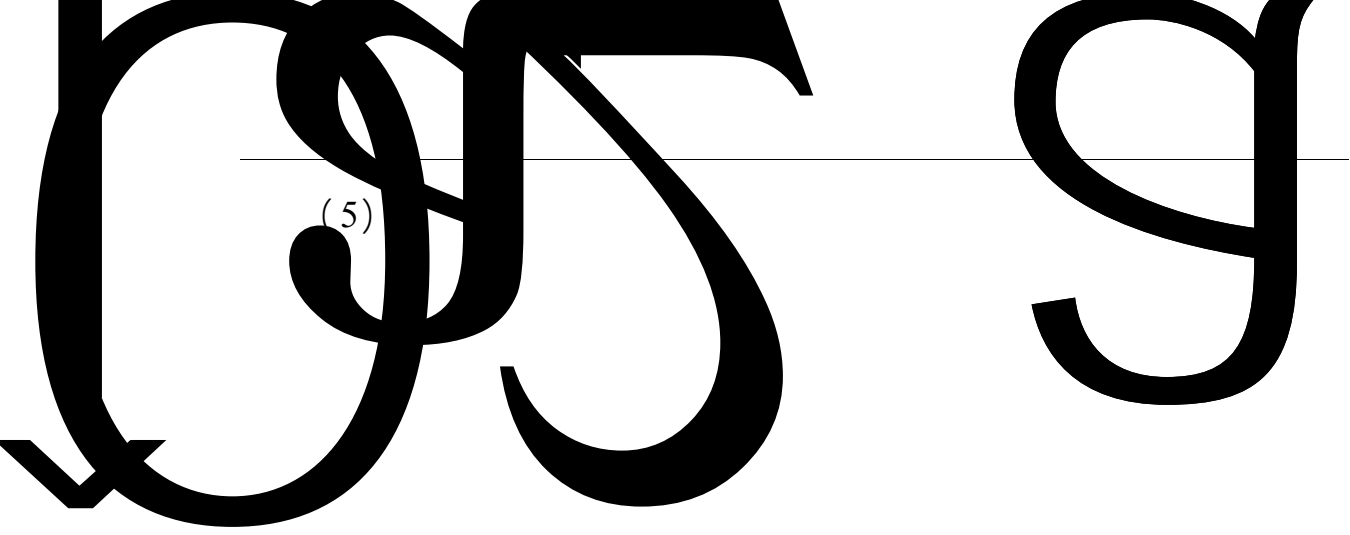
40

80 3

4-6.



4-6



a =140 160 Pa

1.00 2.00

16

()

2022 9 16

11

5

2

4

11

62

H

()

1 1-

1 2-

1 1 1-

1 2-

1 1 2-

1 1 1 2-

1 2 3-

+

1

4-

1 3 5-

1 2 4-

1 2 3-

1 2 4-

[a]

[a]

[b]

[]

[a]

[1 2 3-cd]

(,)

2-

4-

2 4-

2 4-

(C10 C40)

H

[a]

[a]

[b]

[]

[a]

[1 2 3-cd]

(,)

(,)

() (GB36600-2018)

()

2022 9 16 4
4 H

1 1- 1 2-
1 2- 1 1- 1 2-
1 1 1- 1 1 2- 1 2-
1 3- 2 2- 1
1 1 2- 1 1 2 2- 1 2
3-
+ 1 2 4- 1 3 5- 1
3- 1 4- 1 2 3- 1 2
4- 2 6- 4- 2
4- 2 4-
[a] [b] [] [a] [1 2
3-cd] [a] (, ,)
H
[a] (, ,)
[a]
(, ,)

(GB/T14848-2017)

重点区域及设施识别

1000

1000

表 重点区域或重点设施设备清单

	/			
1				
2				
3				

6.1.1

()

(HJ1209-2021)

(1)

(2)

(3)

6. 1. 2

()

(HJ1209-2021)

(1)

1

1

(2)

1

(3)

20m

6. 1.3

1)

1

2)

()

1

3

HJ610 HJ964

1

HJ164

6.2

6.2.1

3

(

3

c

Е

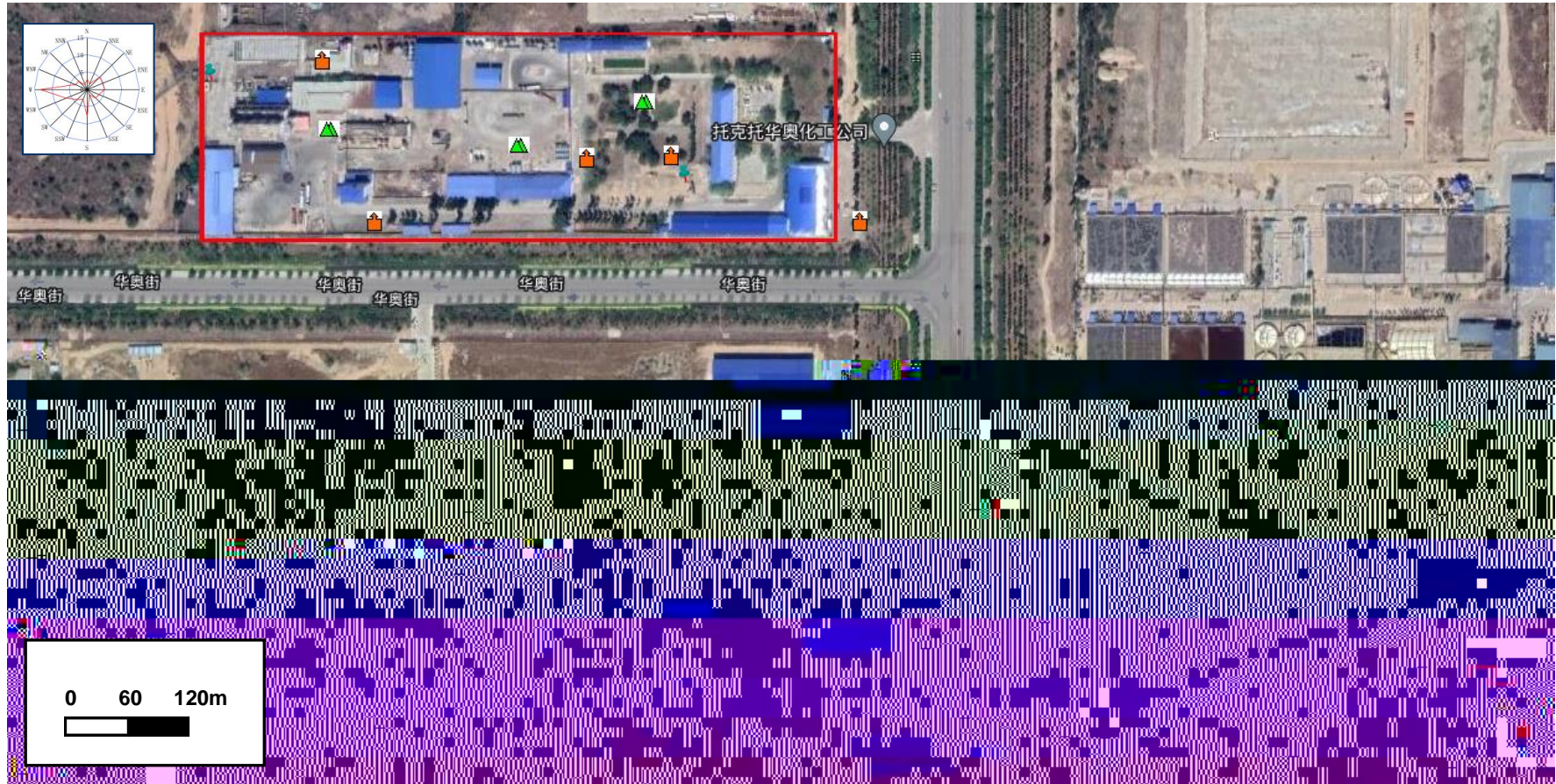
ш, 8б,

//

æ

&

Y



6.3.1

1.5

2 -3.5

() (HJ1209-2021)

1.5

2.5

3

6.3.2

()

()

(HJ1209-2021)

1)

50

2)

0~0.5

()

	A01		3	(1.5--4.5)
	A02		0.5	
	Y01	2	3	(1.5--4.5)
	Y02		0.5	
	H01		0.5	
	S01		3	(1.5--4.5)
	S02	3	0.5	
	W1		0.5	

6.3.3

()

()

(HJ1209-2021)

HJ164

()

HJ164

0.5

6.3-2

	W1	0.5
	W2	
	BJW	

6.3.4

8 (3

5) 3 ()

8 4 6.3-3

)



6.4

6.4.1

(1)

GB36600 1

GB/T14848 1

()

1)

2) (

)

3)

4)

5) HJ164 F (

)

(2)

1)

2)

6.4.2

H

GB36600 1 H
(C10-C40)

1	A01	H GB36600 1 45 (C10-C40)
2	A02	
3	Y01	
4	Y02	
5	H01	
6	S01	
7	S02	

6.4.3

H

H

1 1- 1 2-
 1 1 1- 1 1 2-
 1 2-
 () 2 4- 2 4 6-

GB/T14848 1
 1, 1- 1,2-
 1, 1, 1- 1, 1,2- 1,2-
 () 2,4- 2,6-
 2,4,6-

1	W1	GB/T14848 1 35
2	W2	1, 1- 1,2- 1, 1, 1-
3	BJW	1, 1,2- 1,2- () 2,4- 2,6- 2,4,6-

(HJ1209-2021) ()

6.5.1

H GB36600 1 45

(C10-C40)

()

() (GB36600-2018) ()

(DB13/T5216-2020)

6.5- 1

		()	
1		60	() (GB36600-2018)
2		65	
3	()	5.7	
4		18000	
5		800	
6		38	
7		900	
8		2.8	
9		0.9	
10		37	
11	1 1-	9	
12	1 2-	5	
13	1 1-	66	
14	-1 2-	596	
15	-1 2-	54	
16		616	
17	1 2-	5	
18	1 1 1 2-	10	
19	1 1 2 2-	6.8	
20		53	

21	1	1	1-	840
22	1	1	2-	2.8
23				2.8
24	1	2	3-	0.5
25				0.43
26				4
27				270
28		1	2-	560
29		1	4-	20
30				28
31				1290
32				1200
33			+	570
34				640
35				76
36				260
37		2-		2256
38			[a]	15
39			[a]	1.5
40				

6.6.2

GB/T14848 1 35

1, 1-

1,2-

1, 1,

1-

1, 1,2-

1,2-

() 2,4-

2,6-

2,4,6-

(GB/T14848-2017)

6.

1

25

2

-

3

NTU

10

4

-

5

l H

-

5.5 H 6.5

8 5 H

(GB/T
14848-2017)

13		/L	5	
14		/L	0.5	
15	()	/L	0.01	
16		/L	0.3	
17	(COD _M O ₂)	/L	10.0	
18	(N)	/L	1.50	
19		/L	0.10	
20		/L	400	

21	(N)	/L	4.8	(GB/T 14848-2017)	
22	(N)	/L	30.0		
23		/L	0.1		
24		/L	2.0		
25		/L	0.5		
26		/L	0.002		
27		/L	0.05		
28		/L	0.1		
29		/L	0.01		
30	()	/L	0.10		
31		/L	0.10		
32		/L	300		
33		/L	50.0		
34		/L	120		
35		/L	1400		
36	1,1-	/L	60.0		
37	1,2-	/L	60.0		
38		/L	500		
39		/L	40		

№	Условие	Единица измерения	Количество	Примечание
48		/L	600	
49		/L	1000	
50		/L	40	
51	ЭИИ ОЭ	/L	2000	
52		/L	600	
53	()	/L	180	
54	2,4-	/L	60.0	
55	2,6-	/L	30	
56	2,4,6-	/L	300	
57		/L	л	/
58		/L	0	е /
59		/L	/	/
60		/L	0.05	

6.6

			()
1		GB/T22105 2-2008	0.01
2		GB/T17141- 1997	0.01
3	()	- HJ1082-2019	0.5
4		HJ 491-2019	1
5		GB/T17141- 1997	0.1
6		1 GB/T22105. 1-2008	0.002
7		HJ491-2019	3
8			0.0013
9			0.0011
10			0.001
11	1 1-		0.0012
12	1 2-		0.0013
13	1 1-		0.001
14	- 1 2-		0.0013
15	- 1 2-		0.0014
16			0.0015

17	1 2-		0.0011
18	1 1 1 2-		0.0012
19	1 1 2 2-		0.0012
20		2011 / - HJ605-	0.0014
21	1 1 1-		0.0013
22	1 1 2-		0.0012
23			0.0012
24	1 2 3-		0.0012
25			0.001
26			0.0019
27			0.0012
28	1 2-		0.0015
29	1 4-		0.0015
30			0.0012
31			0.0011
32			0.0013
33	+		0.0012
34			0.0012
35		- HJ834-2017	0.09
36		SEMIVOLATILE ORGANIC COMPOUNDS BY GAS CHROMATOGRAPHY/ MASS SPECTROMETRY US EPA METHOD 8270E:2018 () () /	0.01

1		GB/T5750.4-2006	1.1		5
2			()		---
			()		
3				HJ1075-2019	0.3NTU
4		GB/T5750.4-2006	4.1		---
5	H	H	(HJ1147-2020)		---
6			EDTA		5.0 /L
		GB7477-1987			
7			()		
			(a Ê		

8		(F ⁻ C ⁻ NO ₂ ⁻ B ⁻ NO ₃ ⁻ PO ₄ ³⁻ SO ₃ ²⁻ SO ₄ ²⁻) HJ84-2016	0.018 /L
9		(F ⁻ C ⁻ NO ₂ ⁻ B ⁻ NO ₃ ⁻ PO ₄ ³⁻ SO ₃ ²⁻ SO ₄ ²⁻) HJ84-2016	0.007 /L
10		32 HJ776-2015	0.01 /L
11		32 HJ776-2015	0.01 /L
12		32 HJ776-2015	0.04 /L
13		32 HJ776-2015	0.009 /L
14		32 HJ776-2015	0.009 /L
15	()	4- HJ503-2009 1	0.0003 /L
16		GB7494- 1987	0.05 /L
17		GB/T11892- 1989	0.5 /L
18	(N)	HJ535-2009	0.025 /L
19		HJ1226-2021	0.01 /L
20		32 HJ776-2015	0.03 /L
21	(N)	GB7493- 1987	0.001 /L

22	(N)	(F ⁻ C ⁻ NO ₂ ⁻ B ⁻ NO ₃ ⁻ PO ₄ ³⁻ SO ₃ ²⁻ SO ₄ ²⁻)	HJ84-2016	0.004 /L
23		GB/T5750.5-2006 4.1	-	0.002 /L
24		(F ⁻ C ⁻ NO ₂ ⁻ B ⁻ NO ₃ ⁻ PO ₄ ³⁻ SO ₃ ²⁻ SO ₄ ²⁻)	HJ84-2016	0.006 /L
25		GB/T 5750.5-2006 11.2		0.05 /L
26		HJ694-2014		0.00004 /L
27		HJ694-2014		0.0003 /L
28		HJ694-2014		0.0004 /L
29		()		0.0001 /L
30	()	GB/T 5750.6-2006 10.1		0.004 /L
31		()		0.001 /L
32		()		0.03 /L
33			/ -	0.-
			HJ639-2012	

39	1,2-		0.4 /L
40			0.5 /L
41			0.4 /L
42	1, 1, 1-	/ -	0.4 /L
43	1, 1,2-	HJ639-2012	0.4 /L
44	1,2-		0.4 /L
45			0.4 /L
46			0.2 /L
47			0.5 /L
48			0.5 /L
49			0.2 /L
50			0.3 /L
51		/ -	0.5 /L
52		HJ639-2012	0.2 /L
53			0.4 /L
54			0.4 /L
55	()	GB/T 5750.8-2006 27	0.5 /L
56	2,4-	HJ648-2013	0.018 /L
57	2,6-	HJ648-2013	0.017 /L
58	2,4,6-	GB/T5750. 10-2006 12. 1	0.04 /L
59		N-(1-) GB11889- 1989	0.03 /L
60		HJ970-2018	0.01 /L



3 ()
1) 1
1 1

7.1-1

()			

7.2.1

			6
			3.0

7.2.2

SH30

SVOC

VOC

XRF

PID

7.2-1

7.2.3

2

3

4

7.2.5

7.2.6

7.2.6.1

3

1

2

1

2

"

"

+E S W N



1

1

5

6

(GPS)

7

7.3

7.3.1

HJ25.2

HJ/T166

HJ1019

7.3.1.1

1

(PID)

VOC

X

(XRF)

2

VOC

VOC

1/2~2/3



30

10

30

2

PID

1/2

3 XRF

XRF

1-2

20%

2c

60

"

"

1

(1)

VOC

(2)

VOC

2c

()

5

40 L

VOC

2

()

5

2

5

1

40

10 L

(0.01)

5

10%

1

3

(1) VOC

(

)

1

1

(2)

—

—

4

VOC

SVOC

5

7.3.2

HJ164

HJ164

HJ1019

1

24

2

1.0

0.3L/

10c

10c

3~5

3

H

"

"

5

H

(T)

(DO)

(ORP)

a) H

± 0.1

b)

± 0.5

c)

$\pm 3\%$

d) DO

$\pm 10\%$

DO 2.0 /L

± 0.2 /L

) ORP

± 10 V

) 10NTU

50 NTU

$\pm 10\%$

10NTU

± 1.0 NTU

50 NTU

5NTU

4

" 3"

3~5

5

6

VOC

2~3

VOC

2

100 L/

300 L/

0.1L/

2

10%

1

3 (

51

1

) 2 ()
1 ()

(VOC SVOC)
1

W2

GB/T32722 HJ25.2

HJ/T166

HJ164 HJ1019

7.4.1

2004)

(HJ/T166-

()

1

2

4

2.

1

10 L
(

40 L

7		- 1 2-					
8		- 1 2-					
9							
10		1 2-					
11		1 1 1 2-					
12		1 1 2 2-					
13							
14		1 1 1-					
15		1 1 2-					
16							
17		1 2 3-					
18							
19							
20							
21		1 2-					
22		1 4-					
23							
24							
25							
26		+					
27							
28							

29			250 L			1	4
30							
31		2-					
32		[a]					
33		[a]					
34		[b]					
35		[]					
36							
37		[a]					
38		[1 2 3- cd]					
39					500	1	4
							28d
40		()					1d
41							
42							
43							
44							
45							4
46							180d
47							
48	H						
49		4					
		2d					
50	(C ₁₀ C ₄₀)	4					
		10d					
51							

7.4.1.2

()

1		G P	HC 1% 1L		250	4
			HC 2 L			24
2		G	NaOH	H=8 9	250	4
						24
3		G P	H ₂ SO ₄	H 2	250	4
						12
4		G	HNO ₃ 1L	HNO ₃ 10 L	250	4
						12
5	H	G P	HNO ₃ 1L	HNO ₃ 10 L	250	4
						12
6		G P	HNO ₃ 1L		250	4
7		G P	HNO ₃ 10 L			7d
8		G P			250	4
						7d
9		G P			250	4
						30d
10		G P	HNO ₃	1%	250	4
						14d
11		G P	HNO ₃	1%	250	4
						14d

12		G	HNO ₃ 1%	250		4 14d
13		G	HNO ₃ 1%	250		4 14d
14		G P	HNO ₃ H 2	100		4 30d
15		G	H ₃ PO ₄ H 4 0.01 -0.02	1000		4 24
16		G P	1%	250		4 7d
17		G		500		4 2d
18		G P	H ₂ SO ₄ H 2	250		4 24
19		G P	1L 5 (1 /L) 4	250		4 24
20		G	HNO ₃ H1~ 2	250		4 14d
21		G P		250		4 24
22		G P		250		4 24
23		G P	NaOH H 12	250		4

						12
24		G		250		4 14d
25		G P		250		4 24
26		G P	1L 10	HC	250	4 14d
27		G P	1L 10	HC	250	4 14d
28		G P	1L 2	HC	250	4 14d
29		G P	HNO ₃ 1%		250	4 14d
30	()	G P	NaOH	H 8-9	250	4 24
31		G P	HNO ₃ 1%		250	4 14d
32		G			40	
33		G	1+ 10HC 0.01	H 2 -0.02	40	4 14d
34		G			40	
35		G			40	

36		G	HC H 2	500		4 3d	
37	1,1-	G	5 L	500		4 14d	
38	1,2-			500			
39				500			
40				500		4 14d	
41	1,1,1-			500			
42	1,1,2-			500	1+10HC H 2 0.01 -0.02		
43	1,2-			500			
44				500			
45				500			
46				500			
47		500					
48		G	HC H 2	500			4 7d

49					500	
50		G	HC H 2		500	4 7d
51					500	
52					500	
53					500	
54		()			500	
55		2,4-	G	1L 80	500	4 7d
56		2,6-			500	
57		2,4,6-	G	HC H 2	500	
58			G	/	500	/
59			G	/	500	/
60			G	/	500	/

7.4.2

3

7.4.2.1

"

"

"

"

7.4.2.2

7.4.2.3

"

"

"

"



7. 4. 3

8.1

(1)

(2)

(3)

(4)



(5)

(6)

" "

8.2

8.2.1

) (

8.2.2

8.3

8.3.1

(XRF)

(PID) X

1

20g

()

SVOCs

(

)

8.3.2

(HJ1019-2019)

1

8.3.3

CMA

(GB36600-2018)

45

35

(1)

(2)

1

()

5%

(2)

95%

5%

(2)

100%

100%

(95%)

(100%)

8. 4

8. 4. 1

1

2

3

(10cm)

4

) (

5

6

7

8. 4. 2

(1)

(34)

(2)

