

Analysis Report

2023 06104 -

: _____

: _____

: _____

: 2023-07-04 _____

2023-06-28 2023-06-29

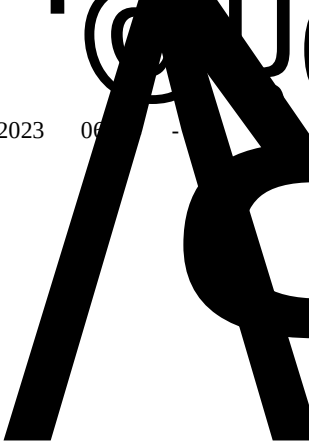
VOCs

1		1
2		2
3		3
4	DA	4
4.1		4
4.2		4
4.3		5
4.4		6
4.5		6
4.6		7
4.7		7
4.8	LDAR	7
4.9		7
5		8
5.1		8
5.2		8
5.3		8
5.4		8
6		

1

Volatile Organic Compounds

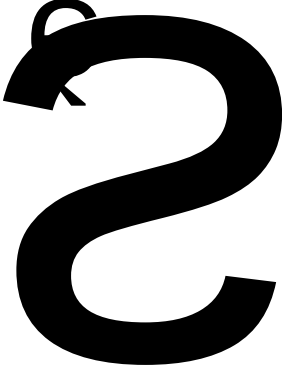
VOCs



3

3.1

3.2



73

2019

VOCs

"

V

VOCs

"

"



01 5 8 1 3

VOCs

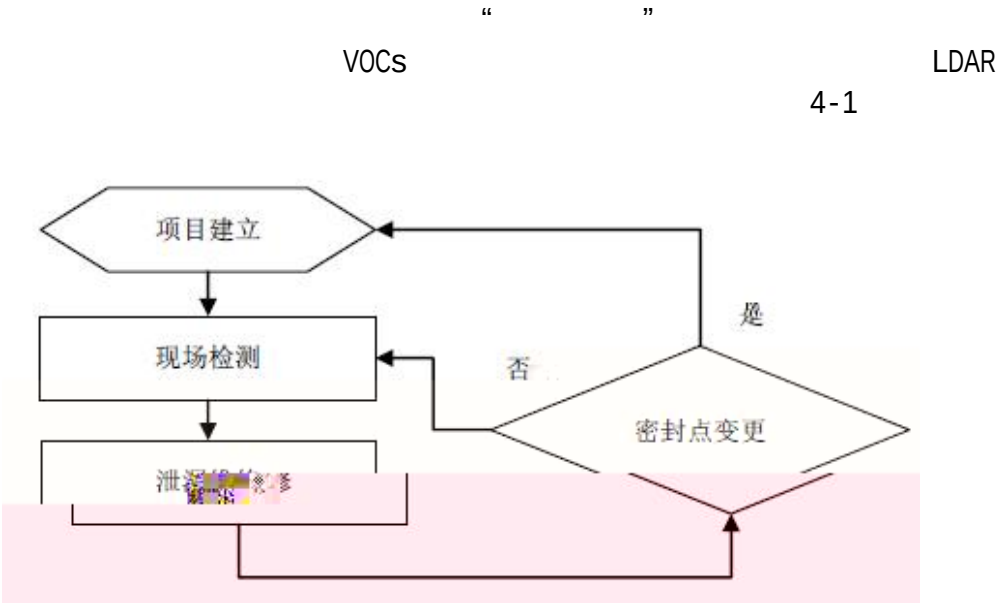
LDAR

VOCs

VOCs

4 LDAR

4.1



4-1



VOCs				
1	1	XXXHJ0		2023.6.28 2023.6.28
2	1	XXHYJ0		2023.6.28 2023.6.28
3	1	XXXQG0		2023.6.28 2023.6.28
4	1	XZXXT0		2023.6.28 2023.6.28
5	1	XXXFS0		2023.6.28 2023.6.28
6	1	XXWJH0		2023.6.28 2023.6.28
7	1	XYQHS0		2023.6.28 2023.6.28
8	1	XXXGQ0	MTBE	2023.6.28 2023.6.28

—
—

15

96.3kPa
VOCs

4.3

1				

[illegible]

2023 06 29

PID
LDAR

4.6

- 1)
- 2)
- 3)

4.7

LDAR LDAR LDAR LDAR

“ LDAR LDAR ” / LDAR

LDAR LDAR LDAR

1) VOCs

2) VOCs VOCs 10%

1 VOCs

2

a) 20 0.3kPa

b) 20 0.3kPa 20%

3 VOCs

4.8 LDAR

4.9

LDAR

6

1	80	80	0
2	804	804	0
3	107	107	0

10

10 ^ 2

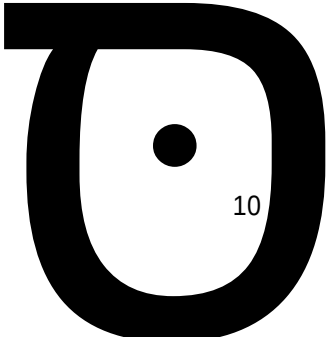
10

6.1

LDAR

		(F)	(V)	(O)	(C)	(P)	(A)	(Y)	(R)	(S)	(Q)	
1		192	84	0	32	0	0	0	0	0	1	309
2		2175	752	4	90	41	0	4	2	0	7	3075
3		268	96	0	32	6	0	1	0	0	4	407
4		735	166	0	46	4	0	0	0	0	0	951
5		322	116	4	1	5	0	0	0	0	1	449
6		2369	1259	96	84	32	0	1	0	0	2	3843
7		24	6	0	0	0	0	0	0	0	0	30
8		2939	1110	27	141	49	0	0	0	0	6	4272
		9024	3589	131	426	137	0	6	2	0	21	13336

()	()	
-----	-----	--



		()	()	()	()	(%)
1	(F)	0	0	0	0	0
2	(V)	752	5	747	5	0.67
3	(O)	4	0	4	0	0
4	(C)	0	0	0	0	0
5	(P)	41	1	40	1	2.44
6	(A)	0	0	0	0	0
7	(Y)	4	0	4	0	0
8	(R)	2	0	2	0	0
9	(S)	0	0	0	0	0
10	(Q)	7	0	7	0	0
		810	6	804	6	0.75

, ↑ m "

()	()	()	()	(%)
0	0	0	0	0
166	0	166	0	0
0	0	0	0	0
0	0	0	0	0
4	0	4	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
170	0	170	0	0



()

†

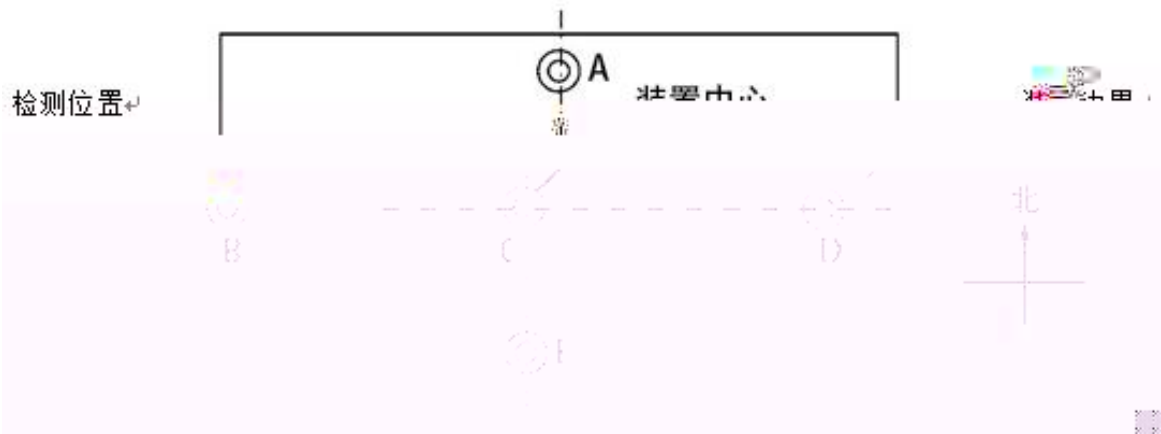
(

()			() () () (%)			
1	(F)	0	0	0	0	0
2	(V)	1259	0	1259	13	1.03
3	(O)	96	0	96	0	0
4	(C)	0	0	0	0	0
5	(P)	32	0	32	1	3.13
6	(A)	0	0	0	0	0
7	(Y)	1	0	1	0	0
8	(R)	0	0	0	0	0
9	(S)	0	0	0	0	0
10	(Q)	2	0	2	0	0
		1390	0	1390	14	1.01

|

		()	()	()	()	(%)
1	(F)	0	0	0	0	0
2	(V)	1110	2	1108	3	0.27
3	(O)	27	0	27	0	0
4	(C)	0	0	0	0	0
5	(P)	49	0	49	2	4.08
6	(A)	0	0	0	0	0
7	(Y)	0	0	0	0	0
8	(R)	0	0	0	0	0
9	(S)	0	0	0	0	0
10	(Q)	6	0	6	0	0
		1192	2	1190	5	0.42

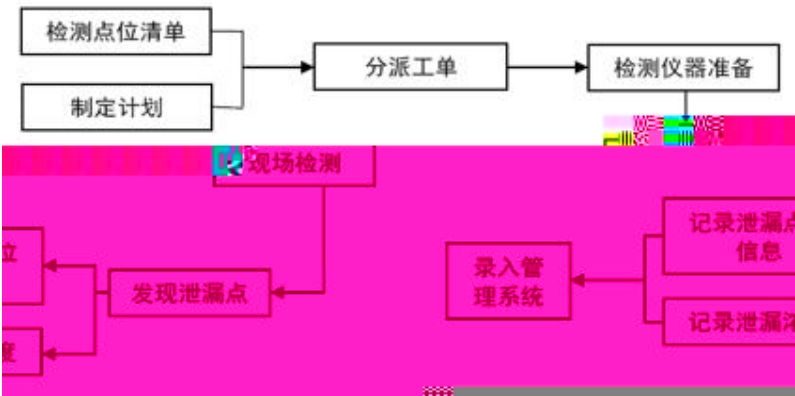
——		HJ 733	3.1.2		;
——		HJ 733	3.1.3		
——		HJ 733	3.1.4		
——		HJ733	3.2.3		
——		HJ733	3.2.2		
——		30s			
——				8h	
——					
——					
——					
——					
——					
1					
——			10μmol /mol		CH4
——					
——		99.99%		10MPa	
(2)					



(2)

3M

(3)



7

7.1

1

G



3

9		XXWJH0-02-01-0057001V	2023-06-29 14:39:58				
10		XXWJH0-02-01-0067002V	2023-06-29 14:53:46				
11		XXWJH0-02-01-0068002V	2023-06-29 14:55:38				
12		XXWJH0-02-01-0070001V	2023-06-29 14:58:40				
13		XXWJH0-02-01-0076001V	2023-06-29 15:06:26				
14		XXWJH0-02-01-0080001V	2023-06-29 15:10:49				
15		XXWJH0-03-01-0004002V	2023-06-29 15:22:45				
16		XXWJH0-03-01-0012003V	2023-06-29 15:39:35				
17		XXWJH0-03-01-0021004V	2023-06-29 15:58:12				
18		XXWJH0-03-01-0031007V	2023-06-29 16:19:33				
19		XXWJH0-05-15-0006001V	2023-06-29 09:38:37				
20		XXHYJ0-01-01-0041008V	2023-06-28 10:28:40				
21		XXHYJ0-01-02-0060008P	2023-06-28 17:09:48				
22		XXHYJ0-01-02-0078009V	2023-06-28 09:00:15				
23		XXHYJ0-01-03-0007004V	2023-06-28 09:41:10				
24		XXHYJ0-01-03-0015010V	2023-06-28 09:48:09				
25		XXHYJ0-01-04-0001003V	2023-06-28 10:36:14				

8

8.1

			%
1	(F)	9024	68
2	(V)	3589	27
3	(O)	131	1
4	(C)	426	3
5	(P)	137	1
6	(A)	0	0
7	(Y)	6	0
8	(R)	2	0
9	(S)	0	0
10	(Q)	21	0
		13336	100

a. SV SV ppmv
b. “ ”

“ ”

3 VOCs

50%
10000μmol/mol 10000μmol/mol
≥ 10000μmol/mol
10000μmol/mol

4. TOC VOCs CH4

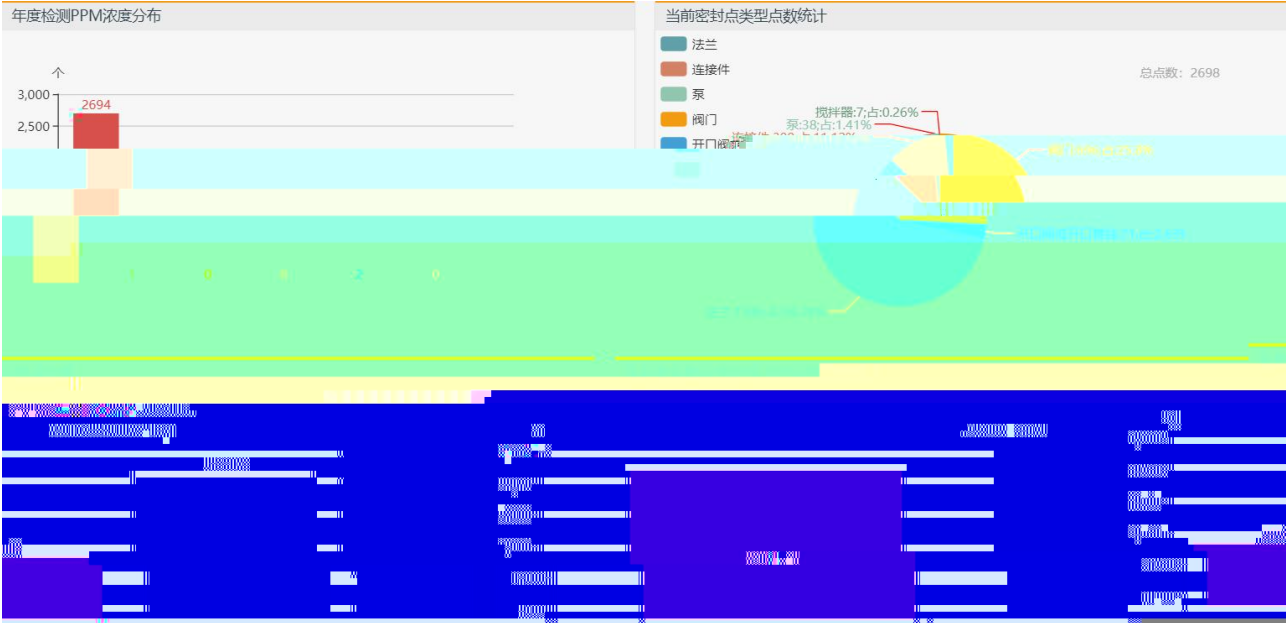
5.

2023 04 01 -06 30

	(	()	(kg)
1	95.751447	95.751447	0
2	591.467192	581.022515	41.893483
3	25.897282	25.897282	0
4	116.442736	116.442736	0
5	51.640418	51.640418	0
6	772.842163	759.936472	51.764584
7	1.182761	1.182761	0
8	521.967025	520.734656	4.943019

LDAR

LDAR



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—
—
—
—
—
—

VOCs

VOCs

11

		2023 06 30			
	LDAR				
				15266058121	
		/			
	2023 06 30				
		2023 06 28		2023 06 30	
		8		13336	
				1	
				0	
				0	
				14	
				0	
				0	
				0	
				0	
				0	
				0	
			0		
		2023 06 28		2023 06 29	
		3871		25	
	1	6			
	5	25	0	0	
	15	0	0	0	
		25	0	0	
	6 (	0	0	0	
	),				
0	0	/			

2023 -----

2023 06 30

			XXXHJ0	/		/			
	/		/					/	
						5	15		6 ,
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	84	5	79	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	1	0	1	0	0	0	0	0	0

2023 -----

2023 06 30

			XXHYJ0	/		/			
	/		/					/	
						5	15		6 ,
	0	0	0	0	0	0	0	0	0
	4	0	4	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	752	5	747	5	1	5	0	0	0
	2	0	2	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	4	0	4	0	0	0	0	0	0
	41	1	40	1	0	1	0	0	0
	0	0	0	0	0	0	0	0	0
	7	0	7	0	0	0	0	0	0

2023 -----

2023 06 30

2023 -----

2023 06 30

XZXXT0 /

5 15 6 ,

0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0					

2023 -----

2023 06 30

			XXXFS0	/		/			
	/		/					/	
						5	15		6 ,
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	116	2	114	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	4	0	4	0	0	0	0	0	0
	5	0	5	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	1	0	1	0	0	0	0	0	0

2023 -----

2023 06 30

XXWJHO / /

/ / /

5 15 6 ,

0	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1259	0	1259	13	5	13	0	0	0
0	0	0	0	0	0	0	0	0

0 0 0 0 0

0 00 S R-

2023 -----

2023 06 30

XYQHSD / /

/ / /

5 15 6 ,

0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
6	0	6	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

2023 ----

2023 06 30

		/		(μmol/mol		
/						

2023 LDAR -----

2023 06 30

þÓét þ— 2«

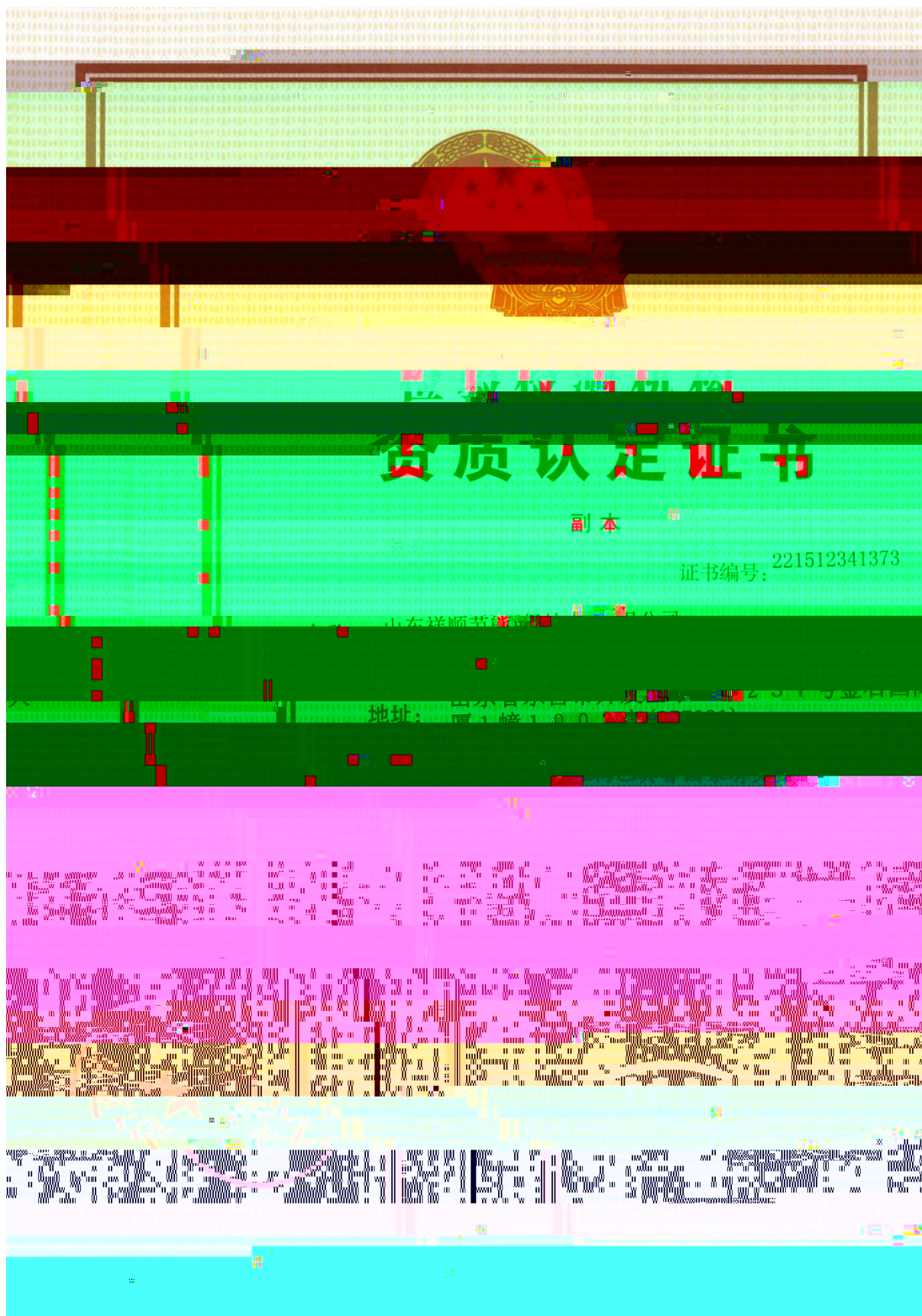
2023 LDAR -----

2023 06 30
u

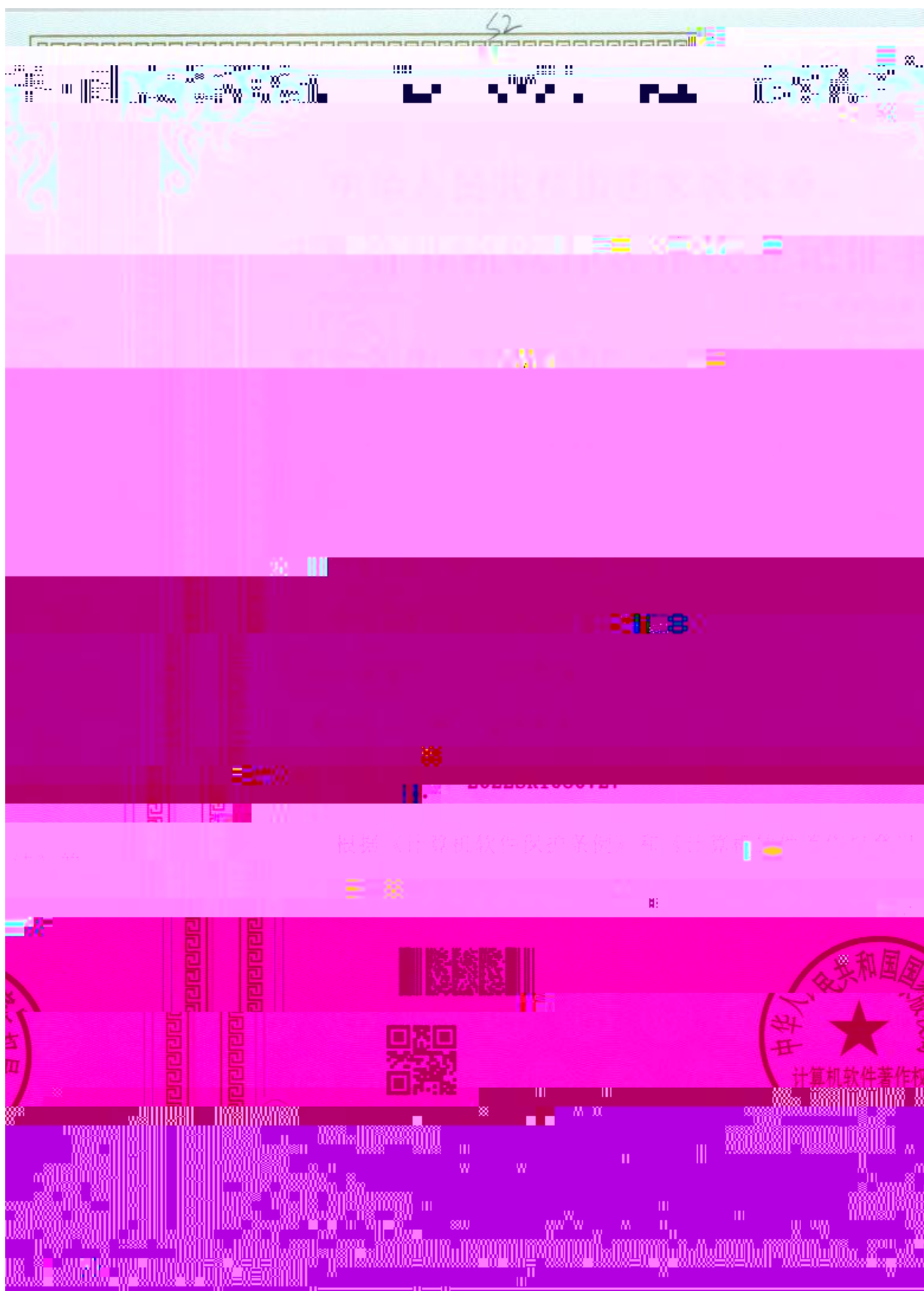
13	XXWJH0-02-01-0076	001V	FV30302		27381.8	202.9	2023-06-29 15:55:10
14	XXWJH0-02-01-0080	001V	FV30301		15812.9	214.7	2023-06-29 15:55:38
15	XXWJH0-03-01-0004	002V	LV50201		868.6	330.9	2023-06-29 16:03:37
16	XXWJH0-03-01-0012	003V	FV20601		4354.5	431.9	2023-06-29 16:03:59
17	XXWJH0-03-01-0021	004V	FV10102		10307.6	233.8	2023-06-29 16:04:22
18	XXWJH0-03-01-0031	007V	FV10402		2002.6	159.2	2023-06-29 16:04:52
19	XXWJH0-05-15-0006	001V	FD-204		6529.6	170.9	2023-06-29 16:14:28
20	XXHYJ0-01-01-0041	008V	P416A		5335.4	313.1	2023-06-29 16:32:30
21	XXHYJ0-01-02-0060	008P	12		9656.5	460.5	2023-06-29 16:35:17
22	XXHYJ0-01-02-0078	009V			96002.3	385.3	2023-06-29 16:35:43
23	XXHYJ0-01-03-0007	004V			675	394.4	2023-06-29 16:38:29
24	XXHYJ0-01-03-0015	010V			996.9	480.2	2023-06-29 16:38:53
25	XXHYJ0-01-04-0001	003V			1227.1	299.4	2023-06-29 16:41:18

LDAR





LDAR





济南市计量检定测试院

Jinan Institute of Metrology and Verification

校准证书



Calibration Certificate

证书编号: 22000625585
Certificate NO.

委托单位名称: 祥顺节能环保技术有限公司
Name of Customer

地址: 山东省东营市开发区东三路237号金石国际大厦10楼1001室
Address

计量器具名称: 挥发性气体分析仪
Name of Instrument

制 造 者: 杭州谱育科技发展有限公司
Manufacturer

规格型号: 谱育 PAH-1000
Specification

校准: 陈锐春
Calibration

发证单位(专用章):
Issued Unit (Special Seal)

证书发布日期: 2023 年 11 月 22 日
Certificate Release Date

校准日期: 年 月 日
Calibration Date

样品接收日期: 年 月 日
Sample Reception Date

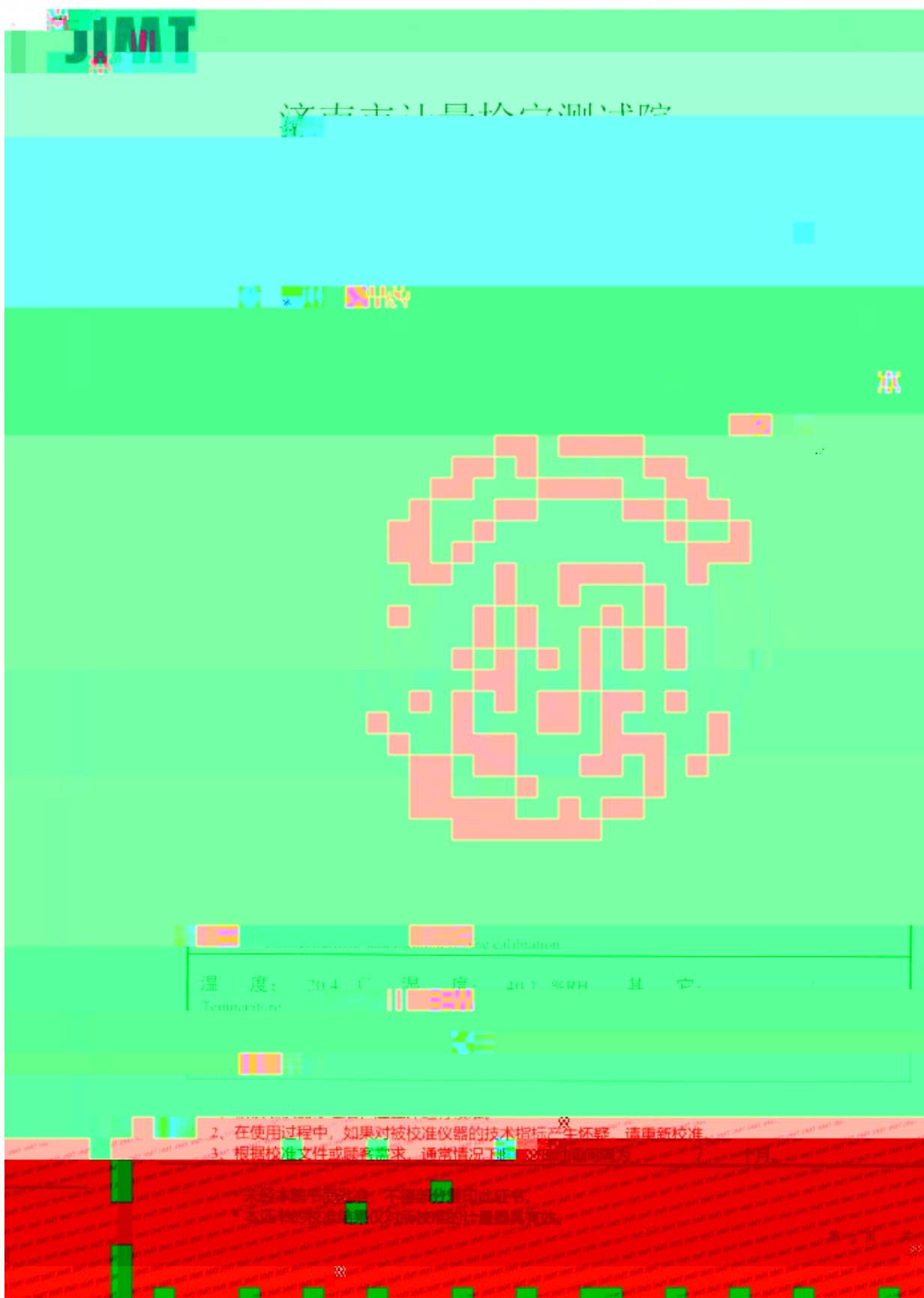
地址: 济南市槐荫区经一路100号
Address

电话: 0531-87610000
Tel

网址: <http://www.jimv.com.cn>
Website

电子邮箱: service@jimv.com.cn
E-mail

电子证书验证地址: <http://www.jimv.com.cn>
Electronic Certificate Verification Address



JIMT

济南市计量检定测试院

Jinan Institute of Metrology and Verification

证书编号: 22000625585

Certificate No.

校准结果

Results of Calibration

校准项目

校准结果

标准值

不确定度

示值误差

$\mu\text{mol/mol}$

$\mu\text{mol/mol}$

$k=2$

10.3

9.8

$U_{95}=2.3\%$

重复性

0.27%

响应时间

2.94 s

以下空白

未经本学院书面批准, 不得部分复印此证书。

JIMT

济南市计量检定测试院

Jinan Institute of Metrology and Verification

证书

202306104

证书编号

202306104

证书

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证书编号

证书编号

证书编号

JIMT

济南市计量检定测试院



Name of Customer

技术有限公司

地 址: 山东省东营市开发区东三路237号金石国际大厦1幢1003室

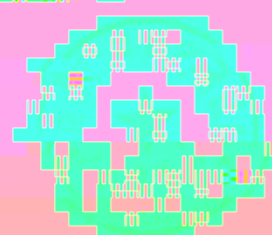
Address

计量器具名称: 液相色谱仪/气相色谱仪

Name of Instrument

制 造 者: 杭州普创科技发展有限公司

Manufacturer

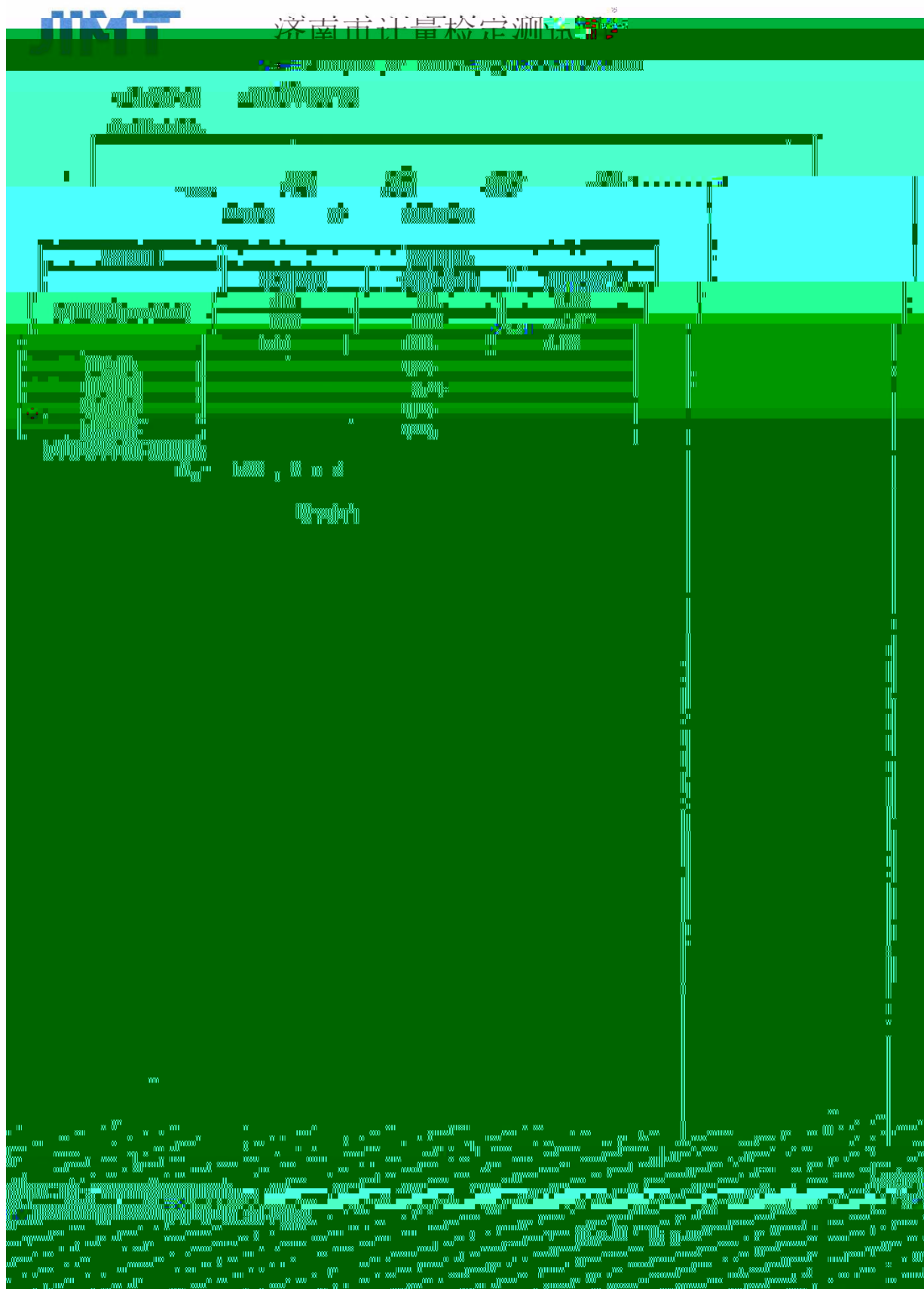


No.1311 Longao North Road Jinan,China

传真(Fax): (0531) 89738295

查询电话(Inquiry Tel): (0531)89738400

电子邮箱(E-mail): jlas@jimt.cn





济南市计量检定测试院

Jinan Institute of Metrology and Verification

证书编号: 23000742771

Certificate No.

校准结果

Results of Calibration

校准项目

校准结果

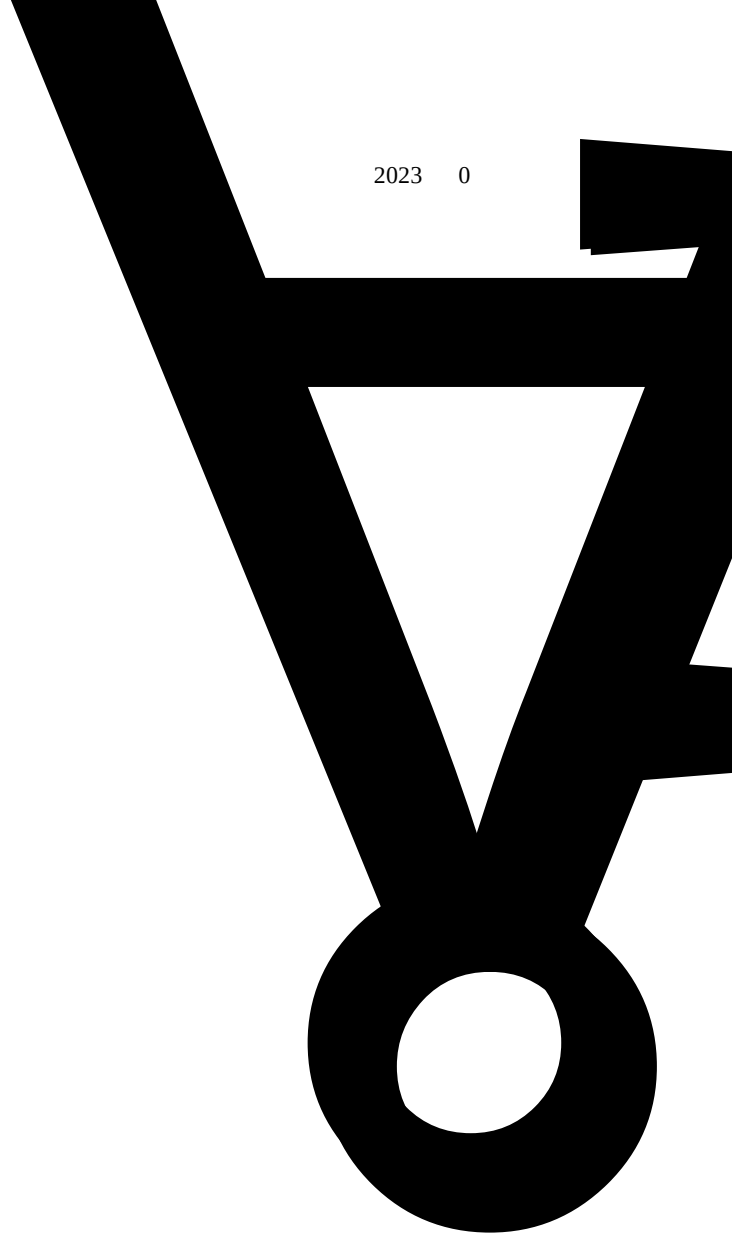
标准浓度

仪器显示值

相对误差



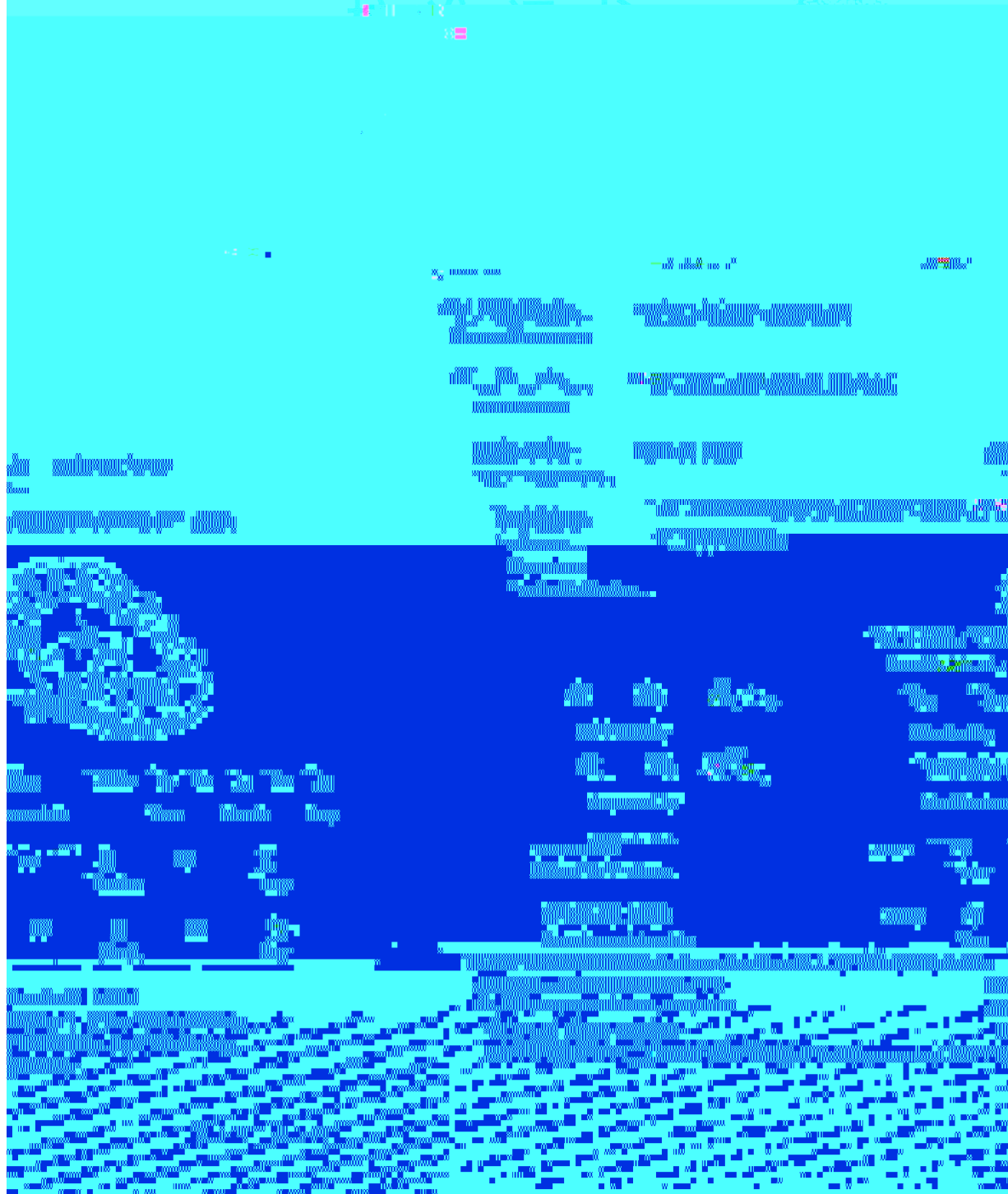
日期



JIMT

济南计量单位测试院

Jinan Institute of Metrology and Verification



国家标准物质 (NCRM)



本标准与 GB 19001 标准一致。

反应管

标准物质使用时应注意用合适材质调压阀调节样品取压管线，缓慢打开。进样分析前，应保证采样系统的气密性，采用合适的方法对取压线和调节器进行充分置换，避免空气残留对后续取样的干扰。

该与休标准物质包装于0.1升的罐中。

国家标准物质 (NBS/NIST)

AZ10230601-67

空气中甲烷气体标准物质

6690777

ze@163.com

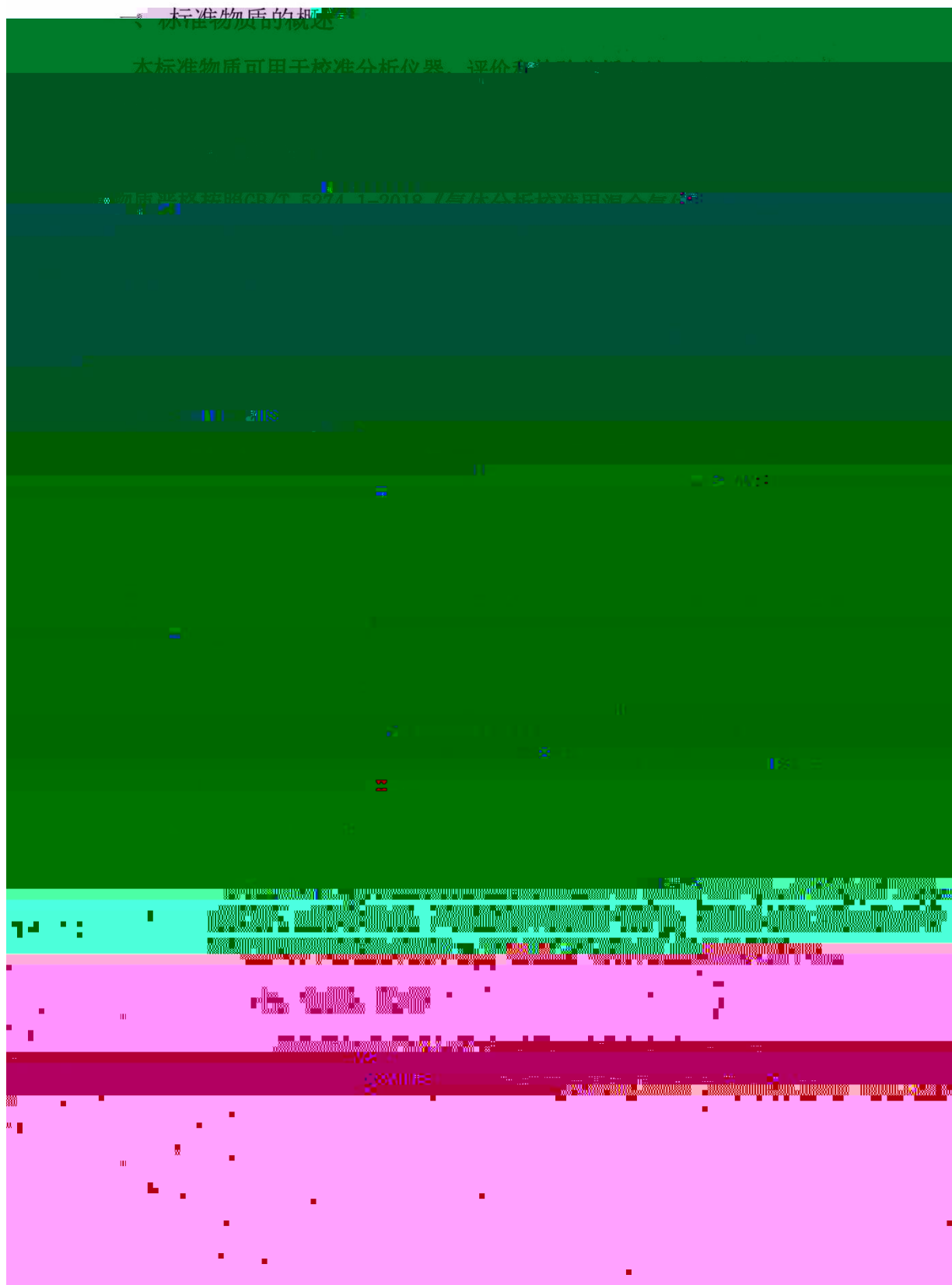
Address:

联系电话: 0533

Telephone

电子邮箱: zban

Email



国家标准物质 (NCRM)

标准物质编号: GBW(E)060197

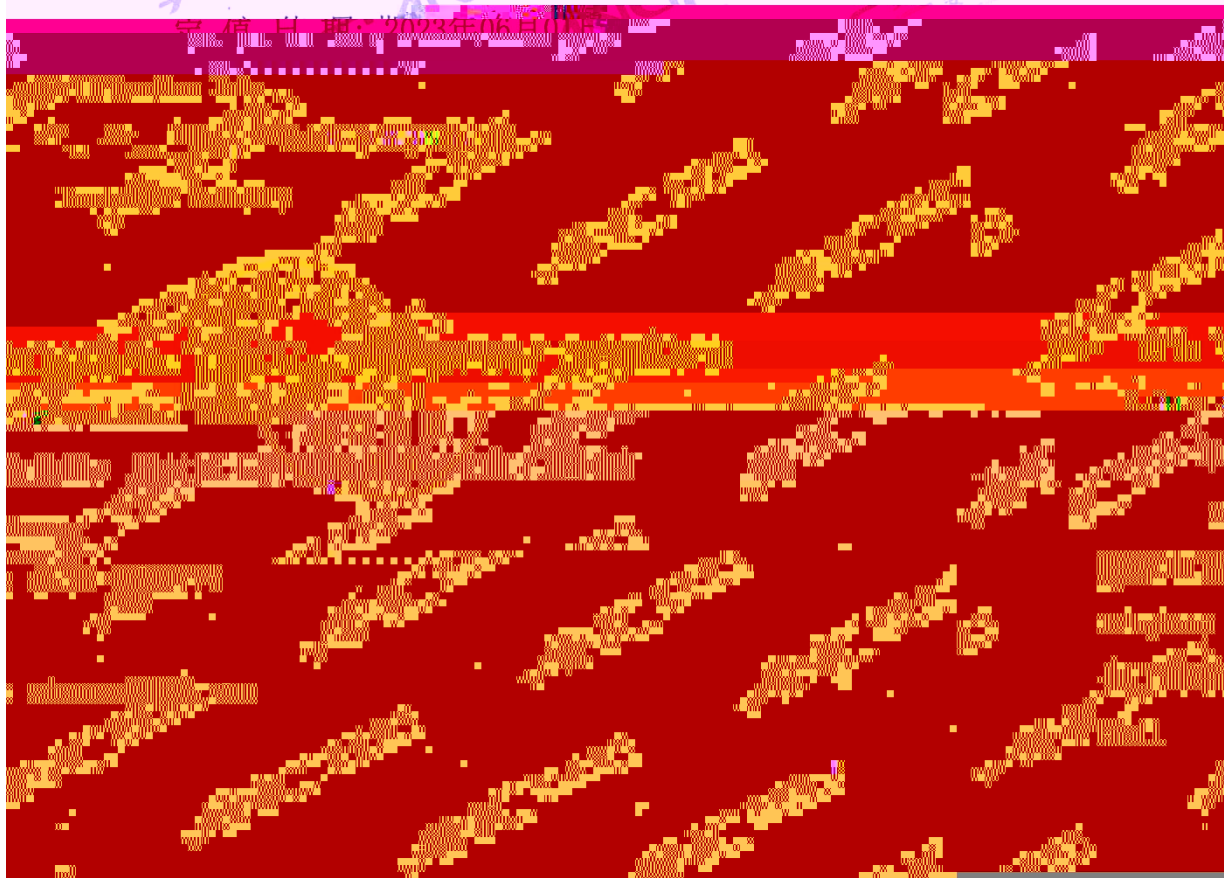
AZ20230601-58

标准物质证书

Reference Material Certificate

空气中甲烷气体标准物质

Sample Number



标准物质的概述		标准物质用于校准、评价和检验分析方法,也可作为仲裁的		标准物质可用于校准	
GB 5274.1-2018《气体分析校准用混合气体的制备					
该标准物质严格按照GB/					
五、定值方法与溯源性					
本气体标准物质以称量法配					
等设各进行量值核					
制值作为标准物质的标准值,采用气相色谱仪					
且份的物质里万数,为以组份的率万数与所有组					
237					
1 1003					
16605466699					

