

Analysis Report

2023 09109 -

: _____
:
:
:
:
: 2023-09-30

2023-09-27 2023-09-29

VOCs

LDAR

VOCs

LDAR

VOCs

VOCs 6596 1387,

5209 6470

11 11

2077.552226 /

11 11

2046.113304 / LDAR 124.730507

/



祥顺节能

2023 09109

Volatle Organic Compound

VOCs

3.33

VOCs

VOCs

5



68



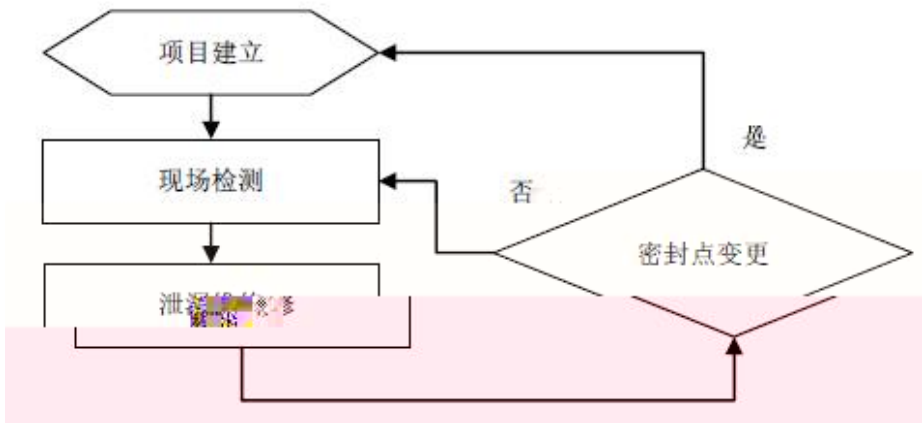
4.1

“ ”

VOCs

LDAR

4



4-1 LDAR

()

ppm

Ã Ê y "mø\$ a0;

96.3kPa

VOCs

15

4.3

1				

1			LDAR
2			LDAR
3			
4			
5			

4.4

4.7

LDAR

LDAR

“ LDAR ”

LDAR

5.1

“ ” “ ” “ ”

5.2

5.3

2

$$D = \frac{\overline{A_{ie}} - \overline{A_i}}{\overline{A_i}} \times 100\%$$

式中： D_r —仪器漂移，%；

$\overline{A_{ie}}$ —每天检测结束后，对校准气体平均示值， $\mu\text{mol/mol}$ ；

$\overline{A_i}$ —每天开始检测前，对同一校准气体的平均示值， $\mu\text{mol/mol}$ 。

漂移 D_r 超过 $\pm 10\%$ ，则应重新校正仪器并重新检测当日净检测值高于 $\text{LDC} \times (1 + D_r)$ 的受封点。

5.4

LDAR

LDAR

		()	()	()	()	(%)
1	(F)	1148	94	1054	0	0
2	(V)	342	0	342	11	3.22
3	(O)	0	0	0	0	0
4	(C)	625	0	625	0	0
5	(P)	32	0	32	0	0
6	(A)	2	0	2	0	0
7	(Y)	2	0	2	0	0
8	(R)	0	0	0	0	0
9	(S)	0	0	0	0	0
10	(Q)	2	1	1	0	0
		2153	95	2058	11	0.53

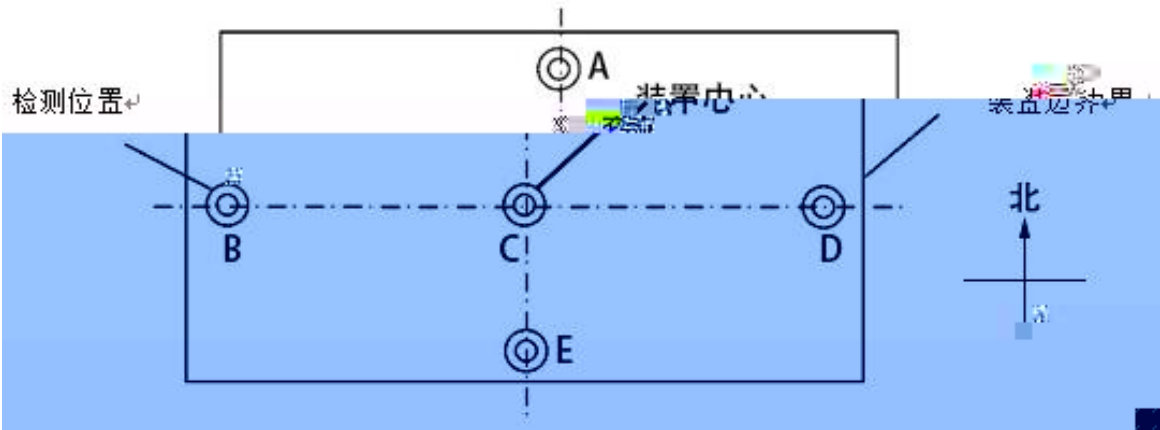


1	3085	0	0	0	0	0
2	1327	0	0	0	0	0
3	2058	3	3	5	11	0.53
	6470	3	3	5	11	

1

10 μ mol/mol

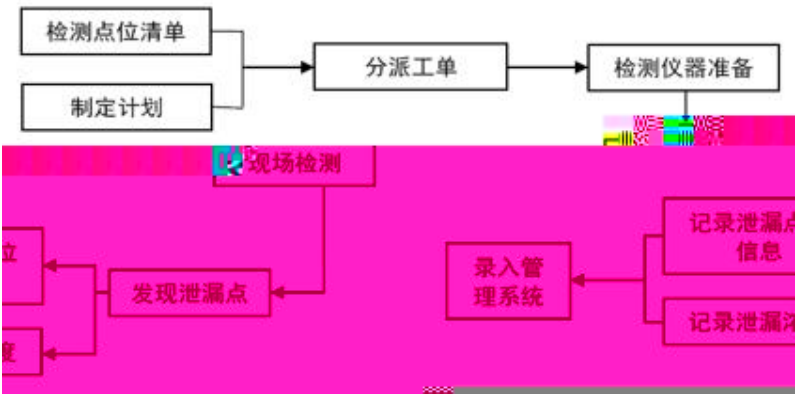
CH₄



(2)

3M

(3)



7.1

1

1

31571 5.3.4

2

2 LDAR

1)

2000 $\mu\text{mol/mol}$

2)

500 $\mu\text{mol/mol}$



3

		$\mu\text{mol/mol}$			
	$5 \leq X$	2000			
	$10 \leq X$	10000			
	$10000 \leq X$				

4

α

0

				(μmol/mol)				(μmol/mol)	
1	XXXNJ0	XXXNJ0-0 3-02-000 1004V	V101	2462.2	2023-09-27 13:31:49	2023-09-27	2023/09/29 08:47:32	405	
2	XXXNJ0	XXXNJ0-0 3-02-000 2004V	V102	27611.0	2023-09-27 13:34:14	2023-09-27	2023/09/29 08:52:29	276.9	
3	XXXNJ0	XXXNJ0-0 3-02-000 3004V	V103	5768.2	2023-09-27 13:36:43	2023-09-27	2023/09/29 08:57:00	149.6	
4	XXXNJ0								

9	XXXNJ0		XXXNJ0-0 3-04-000 5004V	V101				99998.1	2023-09-27 14:09:11	2023-09 -27			2023/09/29 09:26:59	309.7	
10	XXXNJ0		XXXNJ0-0 3-04-000 6004V	V101				99998.1	2023-09-27 14:12:22	2023-09 -27			2023/09/29 09:31:44	462.7	
11	XXXNJ0		XXXNJ0-0 3-04-000 7003V	V101				805.0	2023-09-27 14:14:33	2023-09 -27			2023/09/29 09:35:47	106.1	

		()	()	()	()	(%)
1		0	0	0	0	0
2		0	0	0	0	0
3		11	11	0	0	100
		11	11	0	0	100

8.1

			%	
1	(F)	3340	50.6367	
2	(V)	1314	19.9212	
3	(O)	22	0.3335	
4	303 (C)	1869	28.3354	
2/05	(P)	45	0.6822	×
6	(A)	2	0.0303	
7	(Y)	2	0.0303	
8	(R)	0	0	
9	(S)	\ 0	0	
10	(Q)	2	0.0303	
		6596	100	

8.2

1

2

TOC VOCs

VOCs

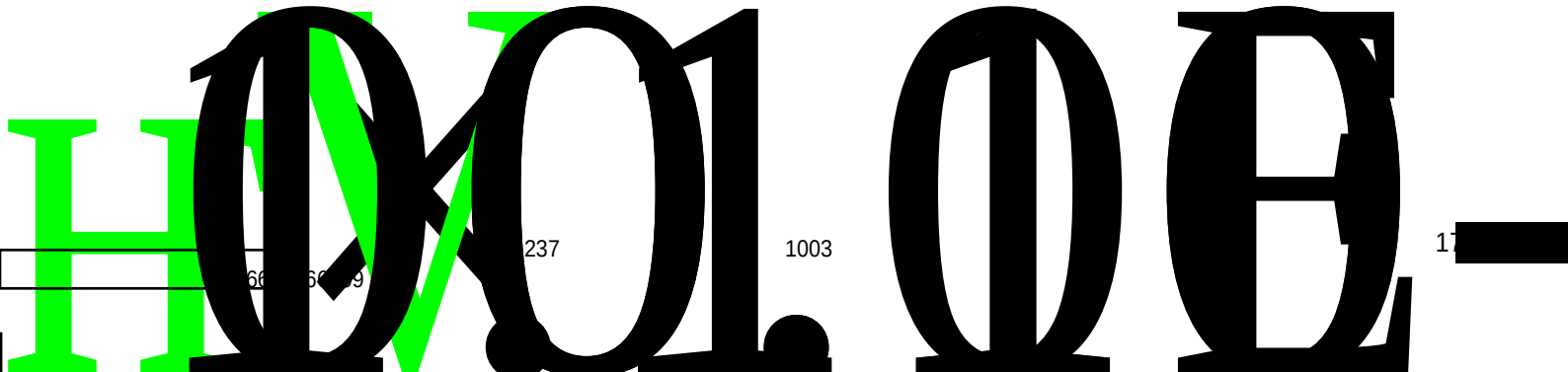
[2015]71

VOCs

LDAR

(/ /) (/) b(/ /)
>50000 μmol/mol

7.80E-06 0.14 2.29E-06×SV0.746
2.40E-05 0.16 5.03E-05×SV0.610
4.00E-06 0.11



a. SV SV ppmv
b. “ ”

“ ”

3 VOCs

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

4. TOC VOCs CH4

5.

		(	()	(kg)	
1		335.634049	335.634049	0	
2		89.252069	89.252069	0	
3		1652.666109	1621.227186	124.730507	
		2077.552226	2046.113304	124.730507	

0 μmol/mol

LDAR

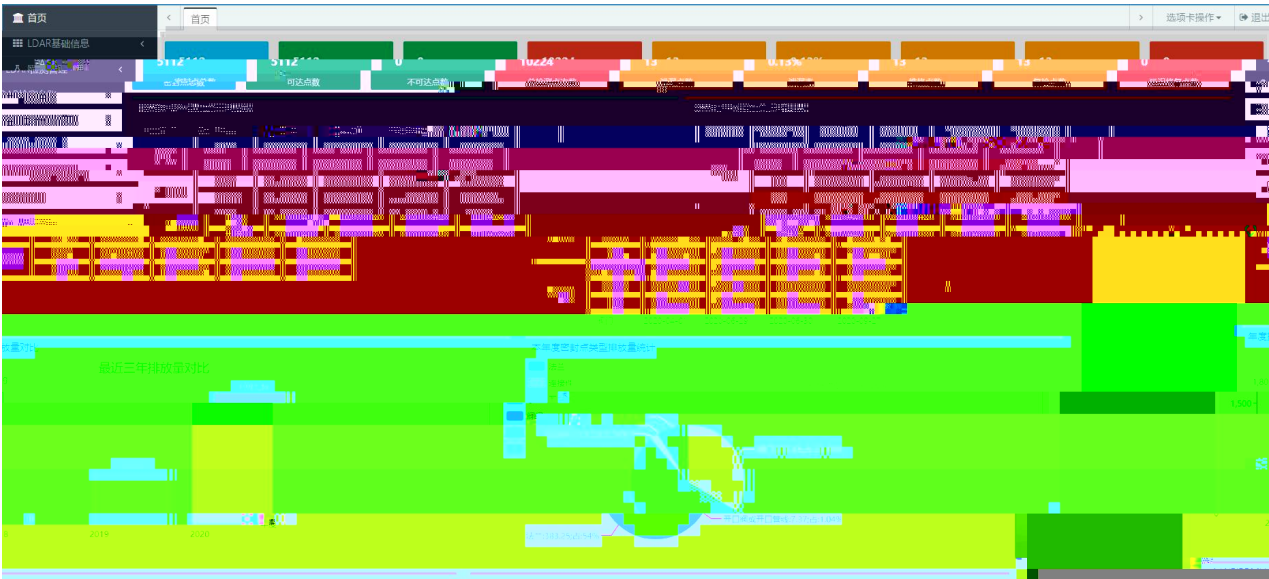
LDAR

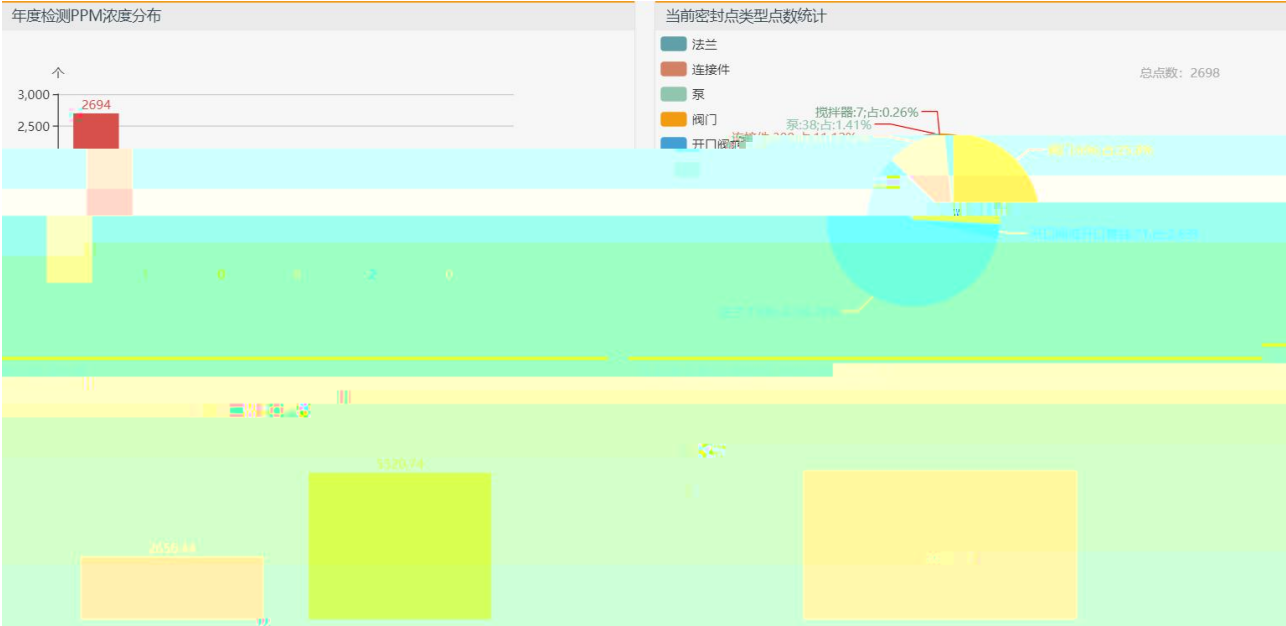
VOCs

VOCs

VOCs

VOCs





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VOCs

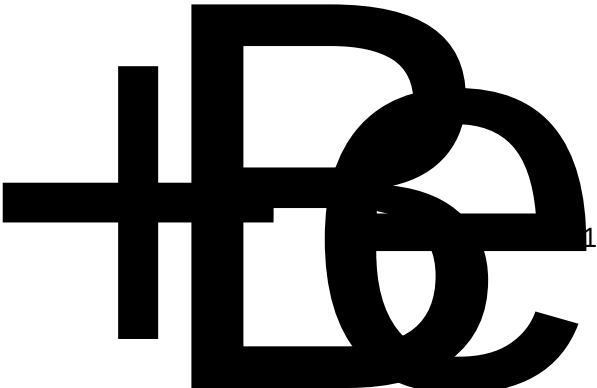
VOCs

2023 09 30

LDAR

15266058121

/



2023 -----

2023 09 30

XXXJZ0 / / /

2023 -----

2023 09 30

			XXXJH0	/		/			
	/		/					/	
						5	15		6 ,
	925	0	925	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	366	0	366	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	10	0	10	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
	26	0	26	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0

2023 -----

2023 09 30

			XXXNJ0	/		/			
	/		/					/	
						5	15		6 ,
	1148	94	1054	0	0	0	0	0	0
	2	0	2	0	0	0	0	0	0
	2	0	2	0	0	0	0	0	0
	342	0	342	11	5	11	0	11	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
	32	0	32	0	0	0	0	0	0
	625	0	625	0	0	0	0	0	0
	2	1	1	0	0	0	0	0	0

2023 LDAR -----

2023 09 30

												1		
			/	/										
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
μmol/mol														

2023 LDAR -----

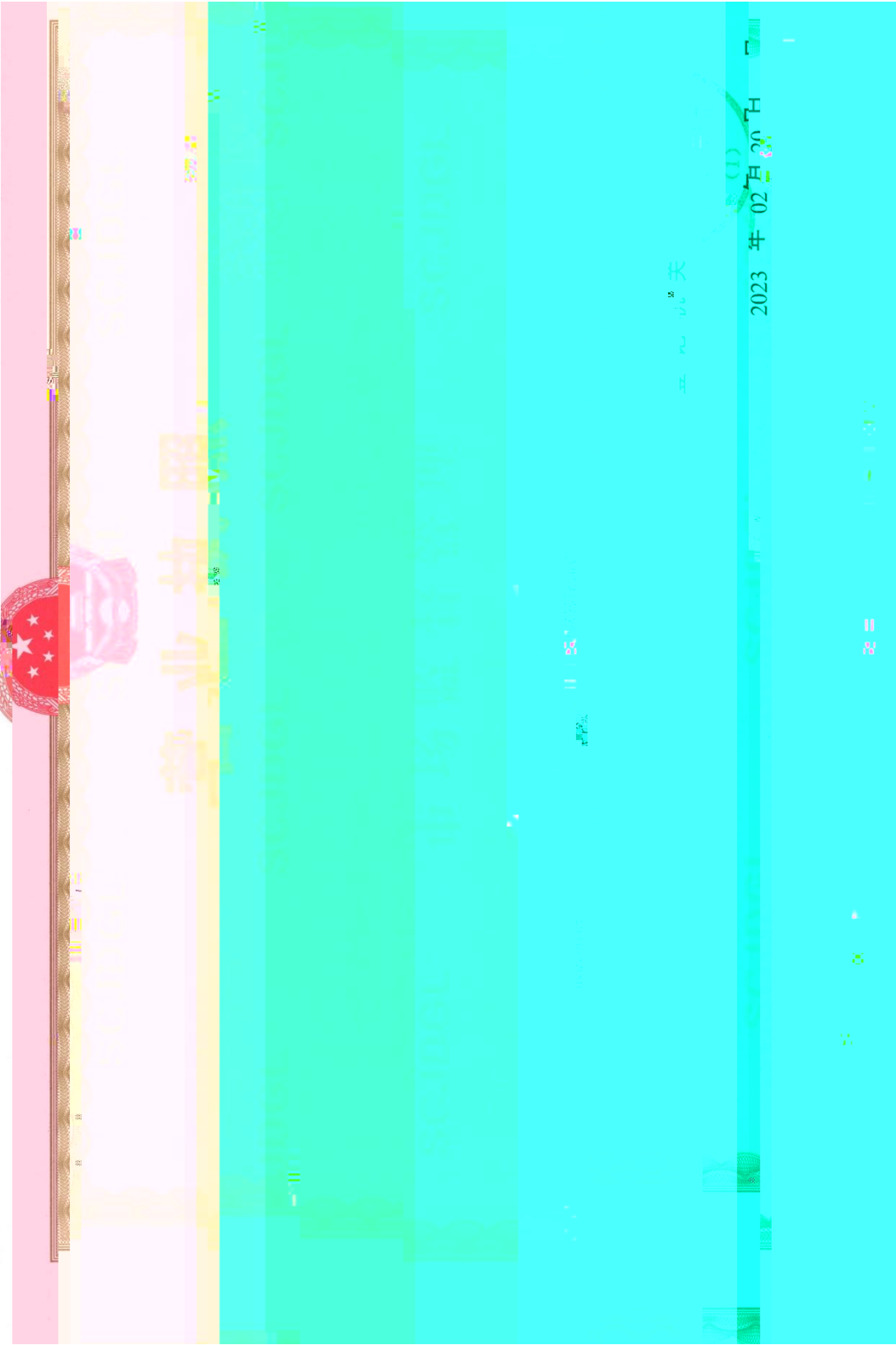
2023 09 30

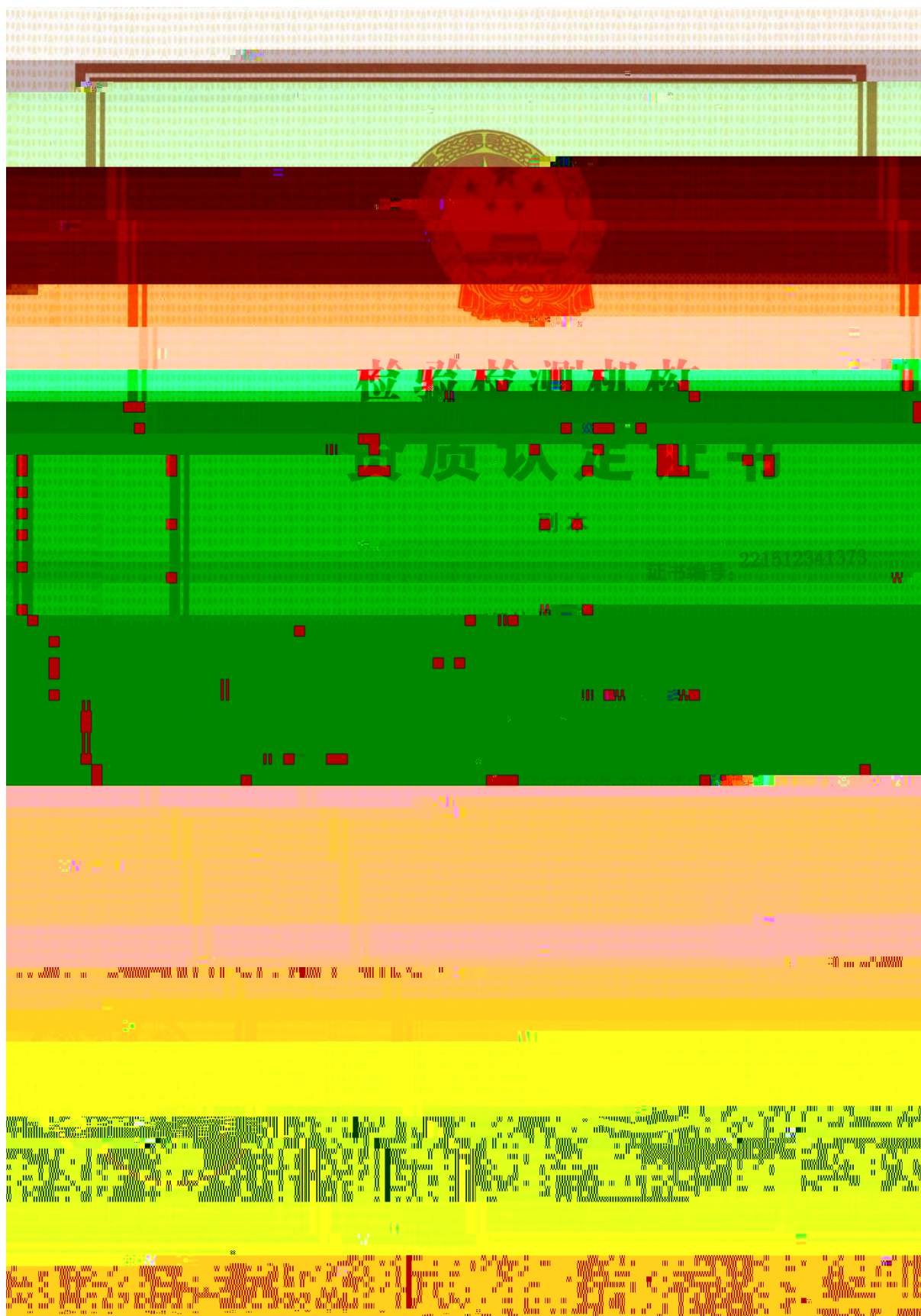
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			/	/									
/	/	/	/	/	/	/	/	/	/	/	/	/	/

W





LDAR



	
<h1>济南市计量检定测试院</h1> <p>Jinan Institute of Metrology and Verification</p>	
<h2>校准证书</h2> <p>Calibration Certificate</p>	
<p>证书编号: 22000625585 Certificate NO.</p>	
<p>委托单位: 祥顺节能环保技术有限公司 Name of Customer</p>	
<p>地址: 山东省东营市开发区东三路237号金石国际大厦 Address</p>	
<p>计量器具名称: 数字万用表 Name of Instrument</p>	
<p>制造商: 杭州诺育科技发展有限公司 Manufacturer</p>	
<p>规格型号: 6400A Specification and Model</p>	
<p>校准: 陈瑞春 Calibration</p>	
<p>批准: 张 Approval</p>	
<p>校准日期: 2023年11月 Calibration Date</p>	
<p>样品接收日期: 2023年11月 Sample Reception Date</p>	
<p>发证单位(专用章): Issued by stamp</p>	
<p>证书发布日期: 2023年11月 Certificate Release Date</p>	
<p>地址: 济南市经二路纬三路 Address</p>	
<p>电话: 0531-89738295 Tel</p>	
<p>电子邮箱: jlsyw123@163.com Email</p>	
<p>电子证书验证途径: (1) 济南市市场监督管理局 http://amr.jinan.gov.cn (2) 爱山东泉城办APP</p>	

JIMT

济南市计量检定测试院

Jinan Institute of Metrology and Verification

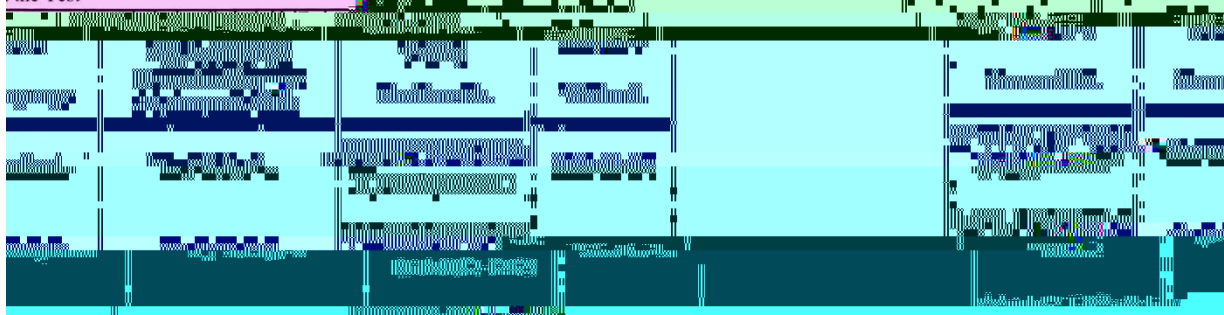
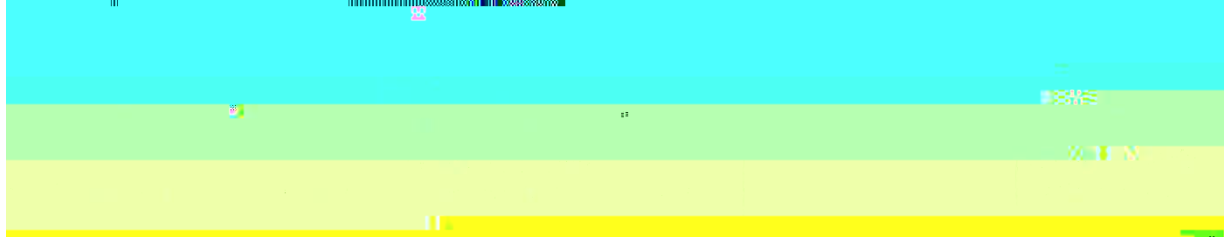
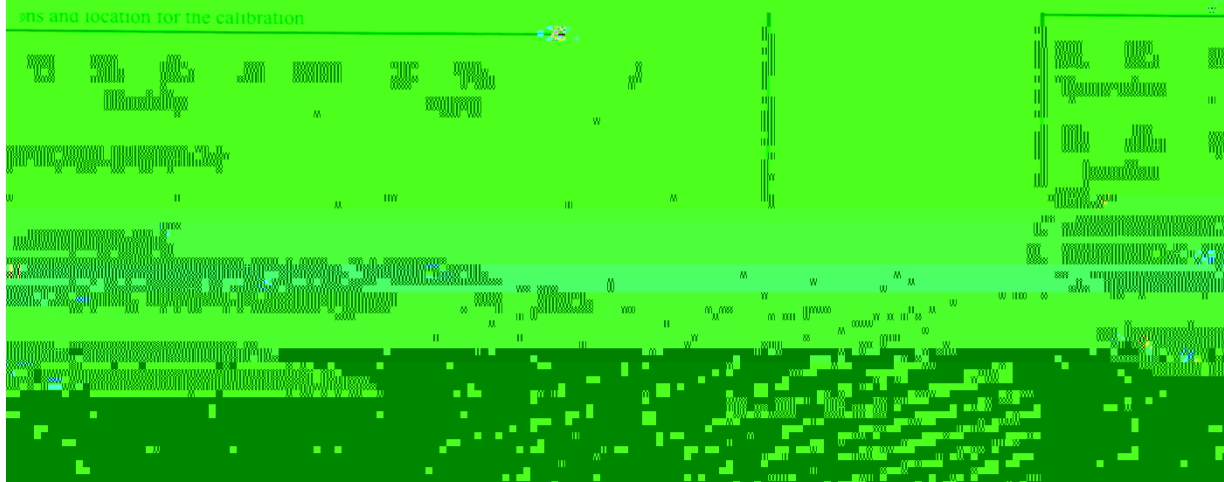
证书编号: 2300074277

Certificate No.

校准所使用的计量设备

Equipment of measurement used in

the Test



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济南市计量检定测试院

检定依据:

Manufacturer

杭州谱育科技发展有限公司

检定依据:

Reference Documents

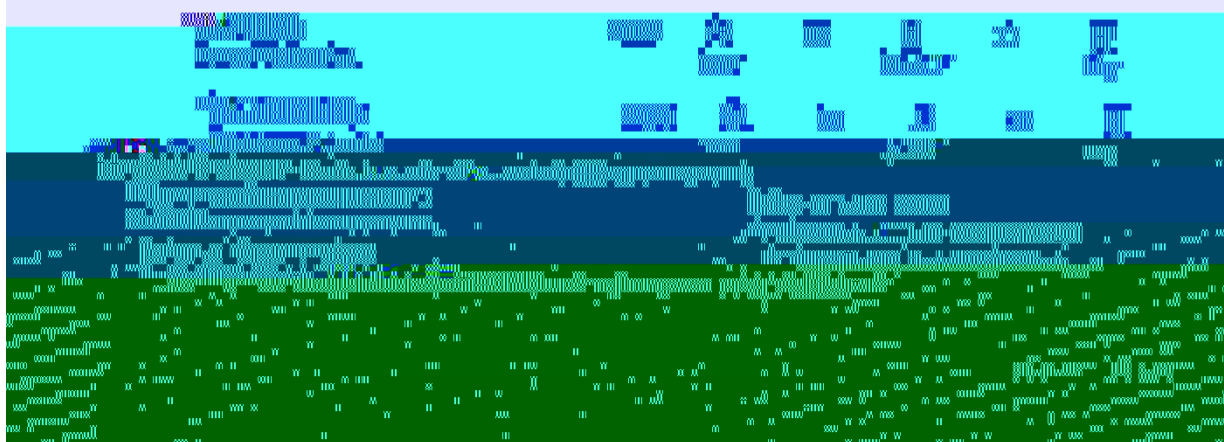
For the Calibration

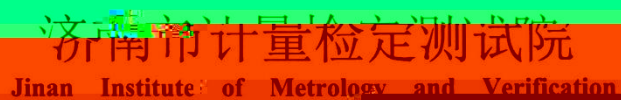
谱仪检定规程

JJG 700-2016 气相色谱仪



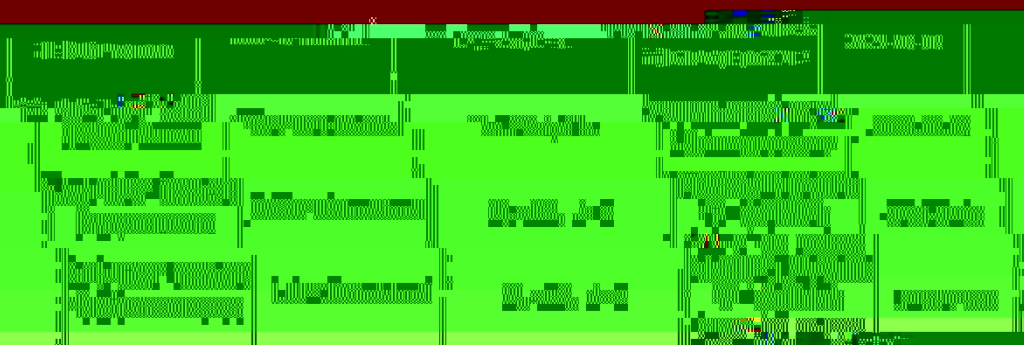
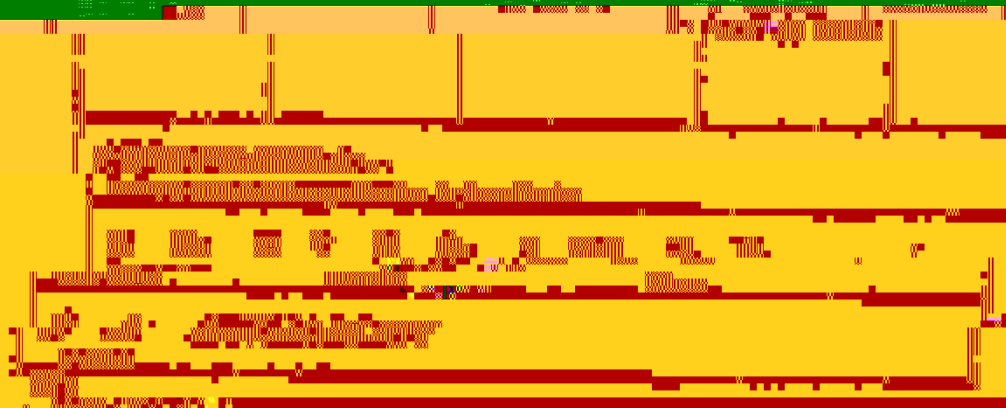
检定证书





Equipment of measurement used in the Test

名称及编号	测量范围	不确定度/准确度等级 /最大允许误差	溯源机构/证书号	有效期至
Name and No.	Measuring range	Uncertainty/Accuracy Maximum permissible error	Certificate No.	Valid until
			四川标准科技有限公司	



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济南市计量检定测试院

检定证书



客户名称: 山东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1幢1003室

Address

计量器具名称: 挥发性有机气体分析仪

Name of instrument

制 造 者: 杭州谱育科技发展有限公司

Manufacturer

规格/型号: EXPEC 3100

Type/Specification

编号: 611P224955C

No.

校准依据: JJF 1171-2007 挥发性有机化合物动态校准规范

校准依据

校准

校准

No.1311,Longao North Road Jinan,China

传真(Fax): (0531) 89738295

咨询电话(Inquiry Tel): (0531)89738400

电子邮件(Email): jls@jimt.cn

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济南市计量检定测试院

Jinan Institute of Metrology and Verification

证书



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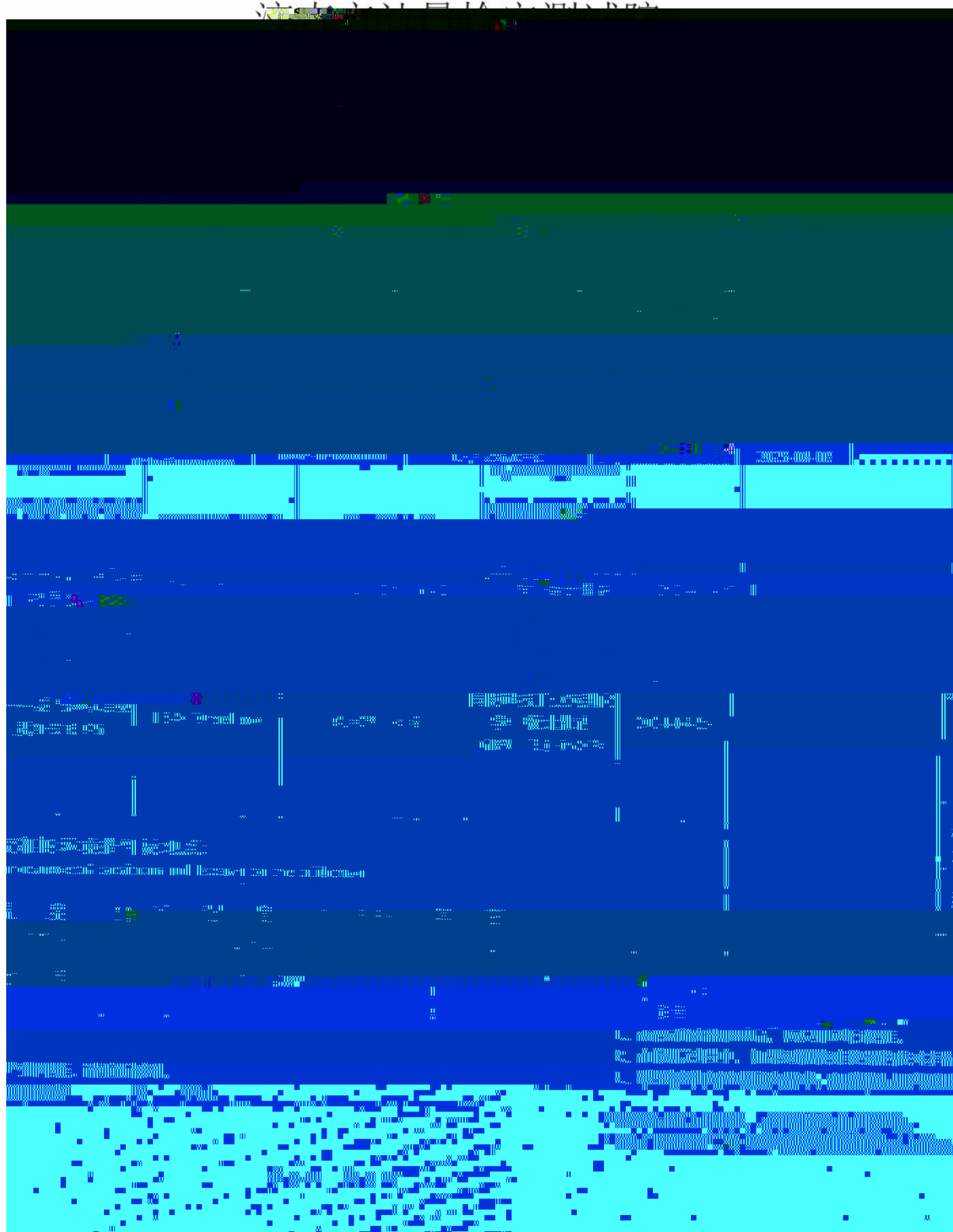
济南市计量检定测试院

Jinan Institute of Metrology and Verification

校准证书



JMT



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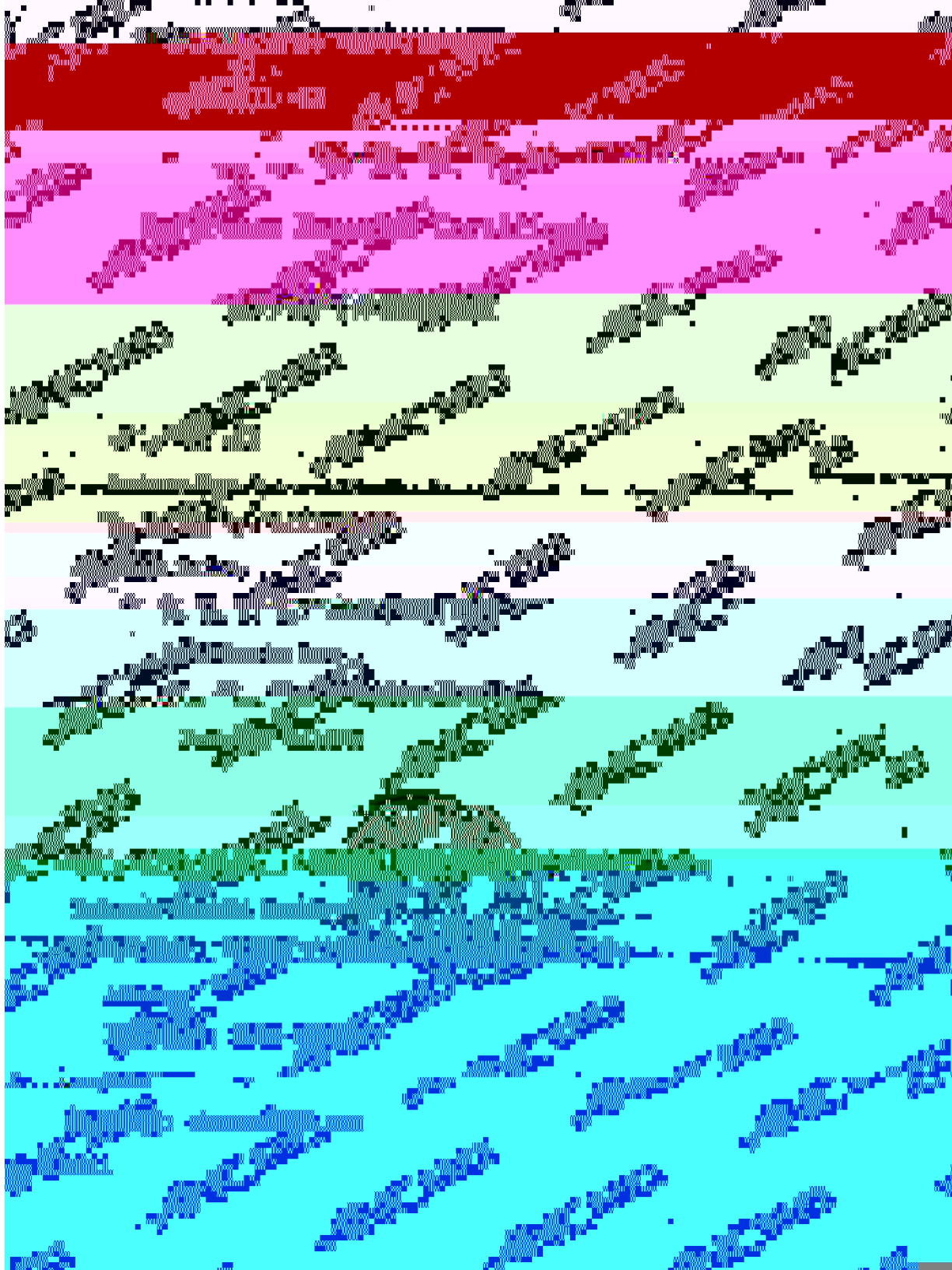
济南市计量检定测试院

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11

国家标准物质 (NCRM)



237

一、标准物质的概述

本标准由上海理工大学提出并归口。

你住在哪里？

100

Figure 1. The effect of the number of iterations on the accuracy of the proposed algorithm. The accuracy of the proposed algorithm increases with the number of iterations. The accuracy of the proposed algorithm is 100% when the number of iterations is 1000.

[illegible][illegible]

The figure consists of three bar charts, each representing a different category of respondents. The first chart shows the percentage of respondents for 'All respondents', the second for 'Non-respondents', and the third for 'Respondents'. The x-axis for all charts is 'Percentage of respondents' and the y-axis is 'Percentage of respondents'.

Category	Percentage of respondents
All respondents	100%
Non-respondents	100%
Respondents	100%

2017年12月15日 星期五
 2017年12月15日 星期五



