

检测报告 TEST REPORT

报告编号 (Report No.): UTS25060087MR1

报告日期 (Report Date): 2025/06/17

委托单位/Client : 苏州华兴源创科技股份有限公司
Suzhou HYC Technology CO., LTD
地址/Address : 苏州工业园区青丘巷 8 号
No.8 Qingqiu Lane, SIP Suzhou, China

以下样品信息由申请人提供及确认:
The sample information below is provided and confirmed by client:

样品名称/Sample Name : /
型号/Model : CK7APLS1S-V4.1
939-09674
TSP-ME-ZJ
AA-02-09-99485-N
接样日期/Receiving Date : 2025/06/09
检测项目/Test Item(s) : 元素分析/Elemental analysis

签
Approved by
樊建红 授权签字人

审 核
Reviewed by

夏雨

编 制
Prepared by

王彭

第1页 共30页

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test report refer only to the sample(s) tested unless otherwise stated. This test report shall not be reproduced, except in full, without written approval of the Company. 本报告按本公司所制定之通用服务条款所编制发放。请注意本报告首页背面之此条款，本公司之义务、免责、管辖权均有明确规定，该条款也可向本公司索取。除非另有说明，本报告仅对来样负责，未经许可，不得部分复制本报告。

江苏省优联检测技术服务有限公司

地址: 苏州市吴中区越溪街道北官渡路50号3幢 215021
电话 (Tel): +0512-66358200

UNITED TESTING SERVICES (JIANGSU) CO., LTD.

Address: Building 3, No.50 Beiguandu Road, Wuzhong Zone, Suzhou, Jiangsu, China, 215021
传真 (Fax): +0512-66358088

www.uts.com.cn

检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1

报告日期 (Report Date) : 2025/06/17

1、测试标准/Test Standard

依客户要求进行试验, 详见测试条件。/The test was/were carried out according to client's requirement, details was/are given in the test condition(s).

2、测试日期/Test Date

2025/06/10-2025/06/11

3、测试仪器/Test Equipment

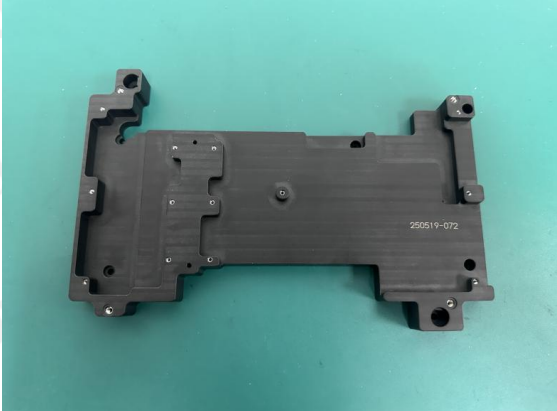
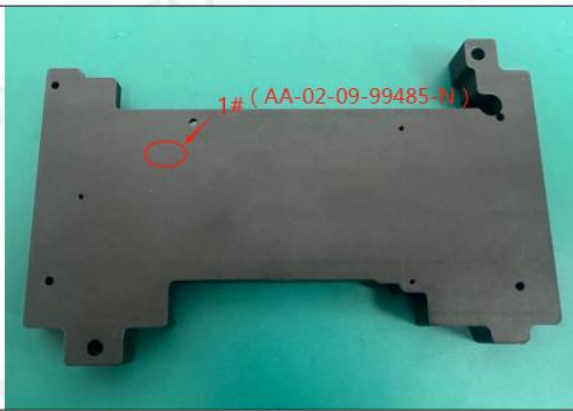
设备名称 Test Equipment	设备编号 Equipment Number	校准有效期 Calibration Period of Validity
冷场发射扫描电镜 (Hitachi) Cold-field emission SEM (Hitachi)	Regulus 8100	2025/08/14

4、测试条件/Test Condition

环境温度/Environment Temperature : (23±2)℃

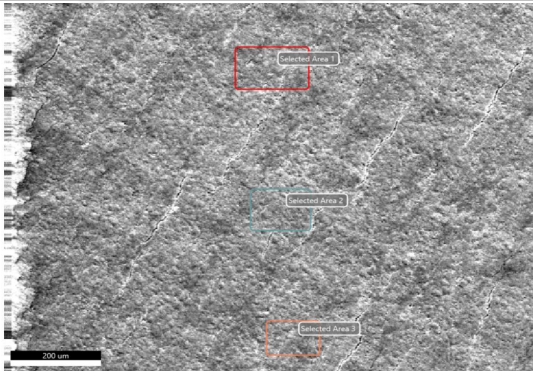
环境湿度/Environment Humidity : (50±5)%RH

5、测试结果/Test Result(s)

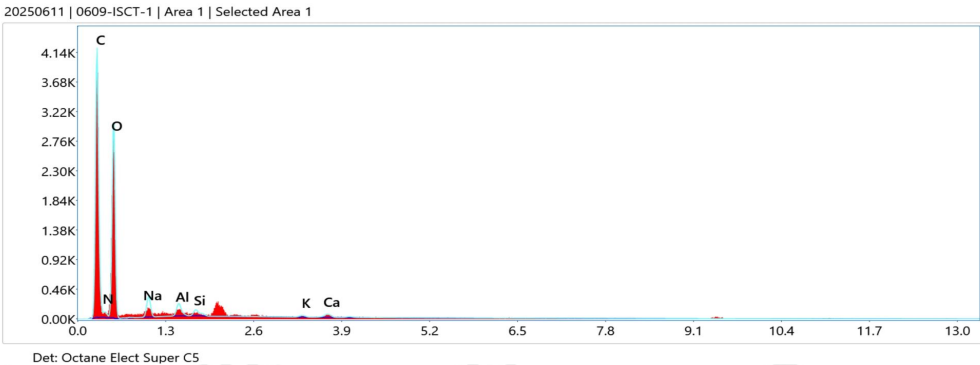
位置/Location 1#	
	

检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



主元素列表/Main Element List:

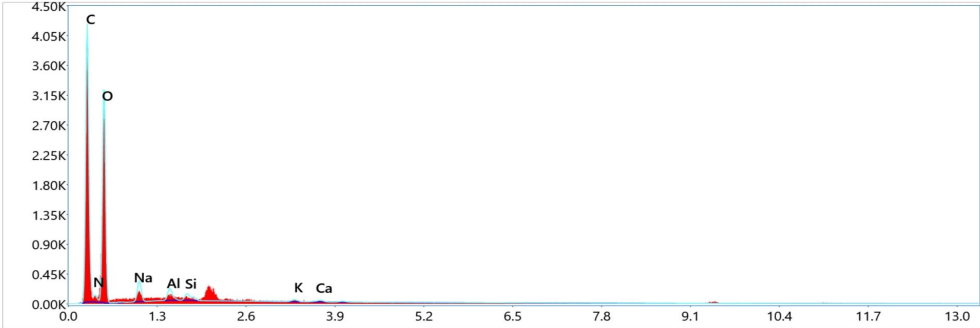
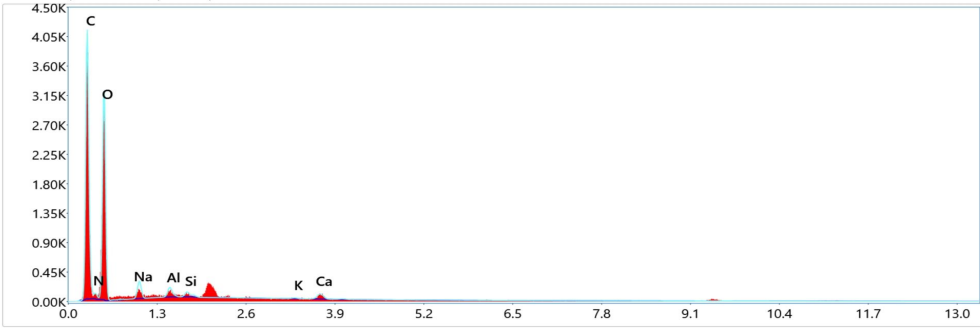


数据/Data I

Element	Wt%
C	58.37
N	1.63
O	36.90
Na	1.97
Al	0.54
Si	0.22
K	0.11
Ca	0.26

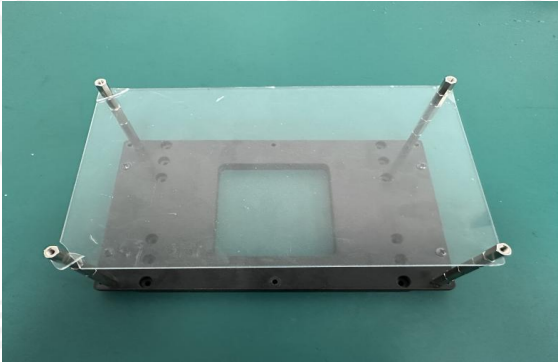
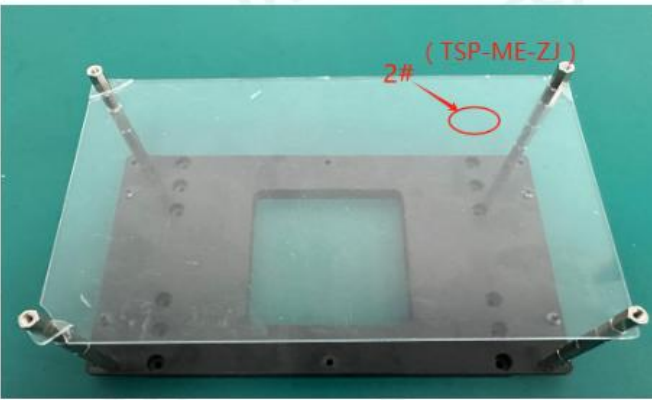
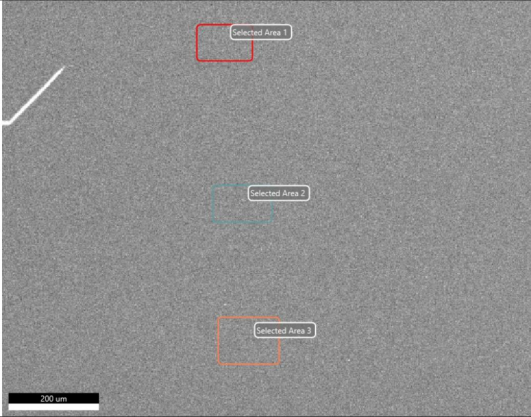
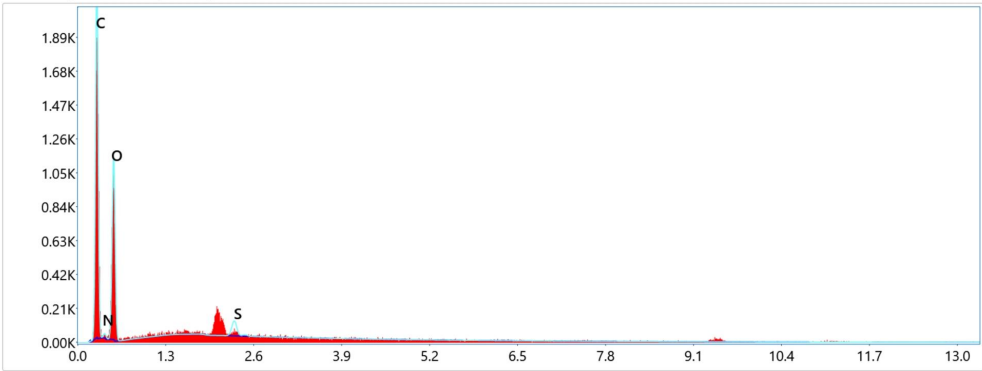
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-1 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	57.07
	N	2.08
	O	37.97
	Na	1.91
	Al	0.49
	Si	0.23
	K	0.13
	Ca	0.12
20250611 0609-ISCT-1 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	57.21
	N	1.68
	O	38.38
	Na	1.69
	Al	0.41
	Si	0.18
	K	0.05
	Ca	0.40

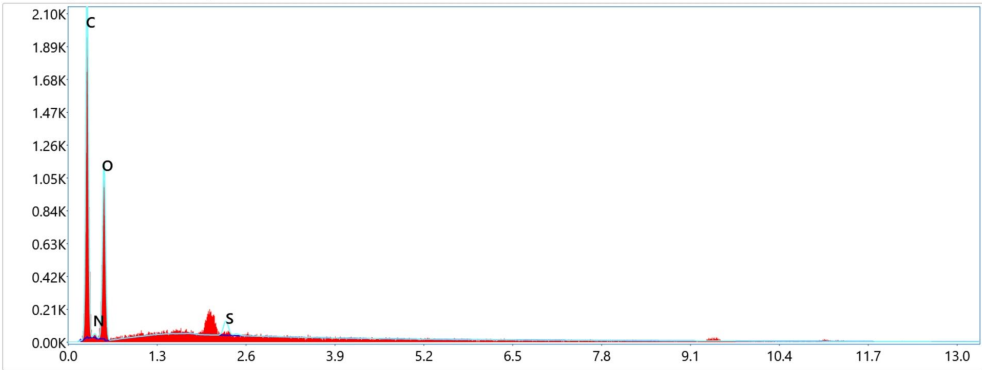
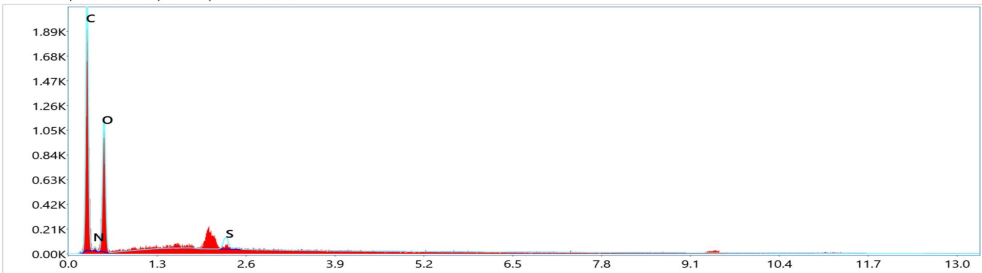
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

位置/Location 2#		
 		
		
主元素列表/Main Element List:		
20250611 0609-ISCT-2 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	67.06
	N	2.42
	O	30.01
	S	0.51

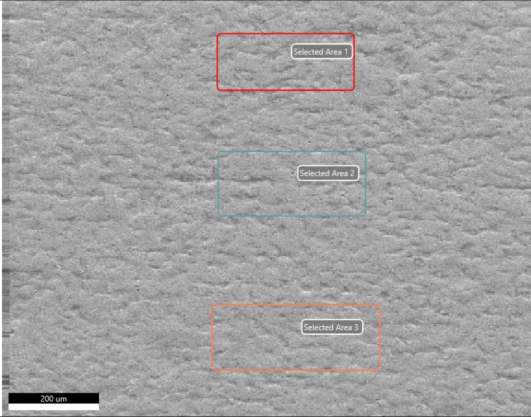
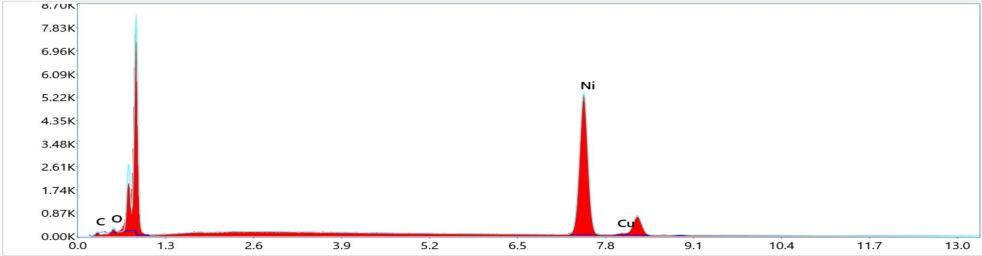
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-2 Area 1 Selected Area 2  Det: Octane Elect Super C5				
数据/Data II	Element	Wt%		
	C	67.29		
	N	2.13		
	O	30.08		
	S	0.50		
20250611 0609-ISCT-2 Area 1 Selected Area 3  Det: Octane Elect Super C5				
数据/Data III	Element	Wt%		
	C	66.43		
	N	2.74		
	O	30.27		
	S	0.56		

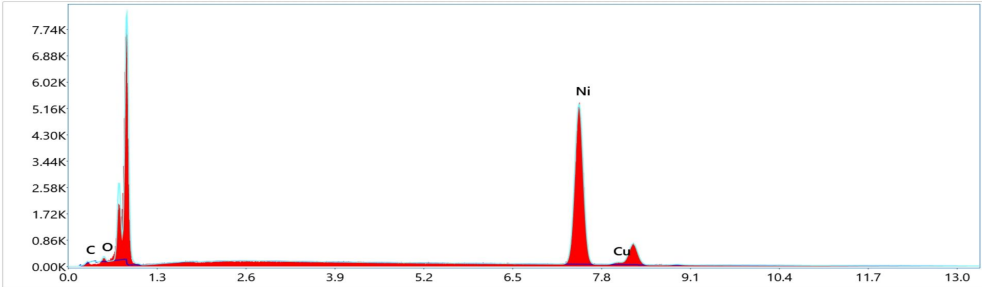
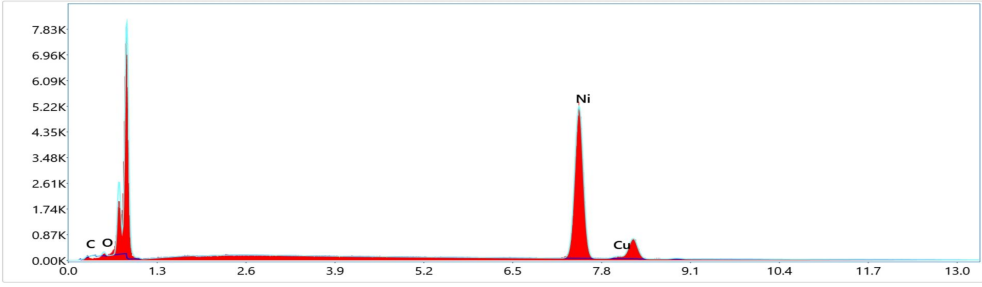
检 测 报 告
TEST REPORT

报告编号 (Report No.):UTS25060087MR1 报告日期 (Report Date): 2025/06/17

位置/Location 3#		
		
		
主元素列表/Main Element List:		
20250611 0609-ISCT-3 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	3.18
	O	1.09
	Ni	94.02
	Cu	1.71

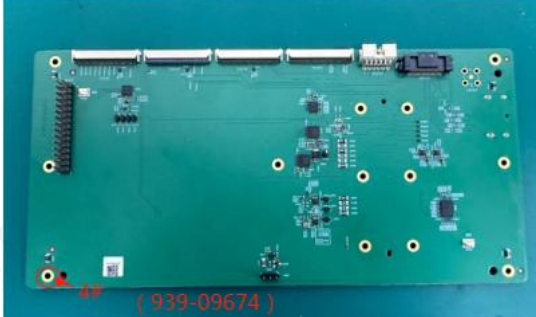
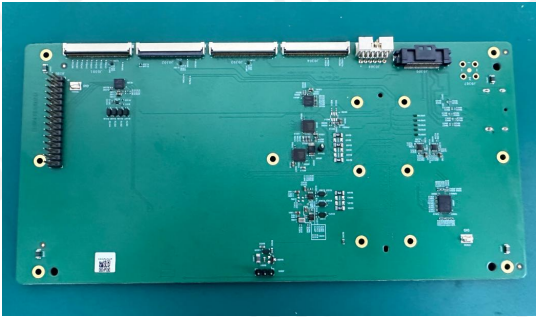
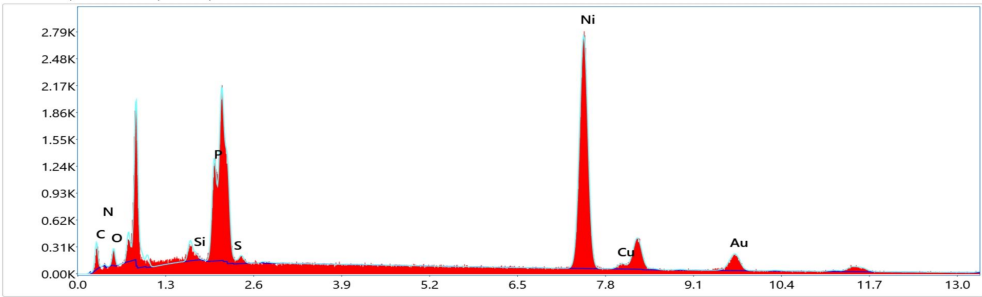
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-3 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	3.04
	O	1.01
	Ni	94.24
	Cu	1.71
20250611 0609-ISCT-3 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	2.67
	O	0.83
	Ni	94.70
	Cu	1.80

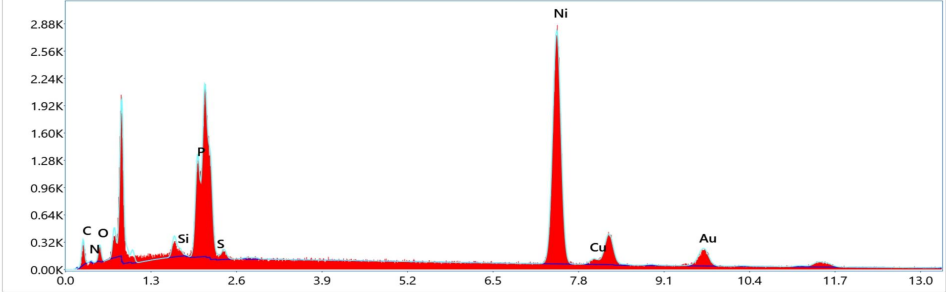
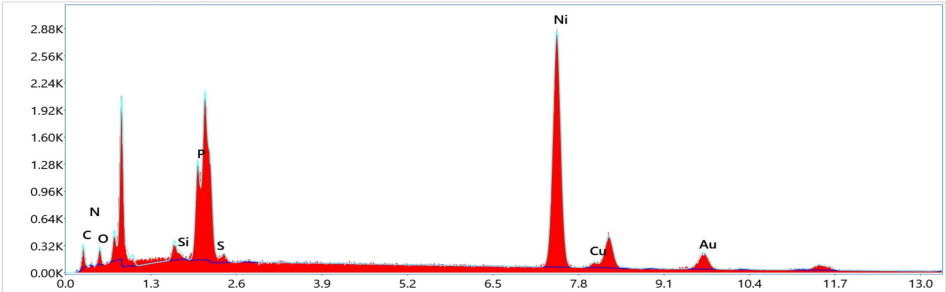
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

位置/Location 4#		
		
主元素列表/Main Element List:		
20250611 0609-ISCT-4 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	13.37
	N	0.58
	O	1.88
	Si	0.39
	P	5.98
	S	0.25
	Ni	50.42
	Cu	1.47
	Au	25.66

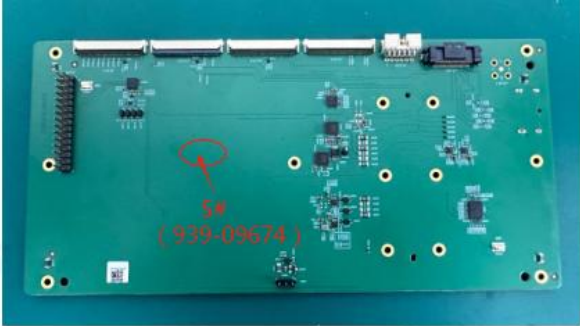
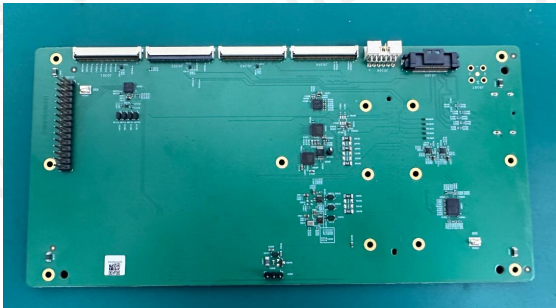
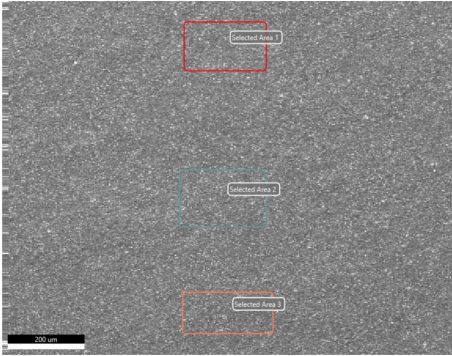
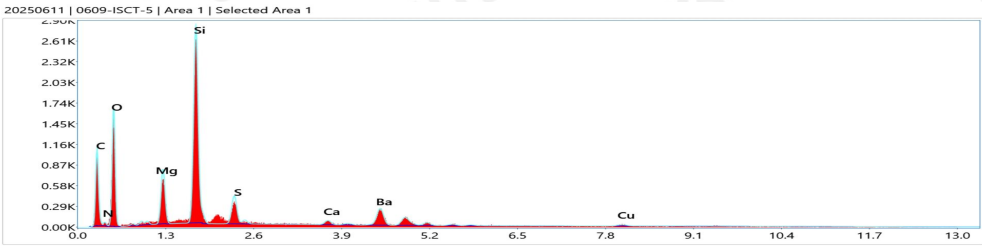
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-4 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	12.39
	N	0.46
	O	1.82
	Si	0.42
	P	5.99
	S	0.30
	Ni	50.40
	Cu	1.56
	Au	26.66
20250611 0609-ISCT-4 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	11.55
	N	0.41
	O	1.91
	Si	0.41
	P	5.99
	S	0.36
	Ni	51.96
	Cu	1.42
	Au	25.99

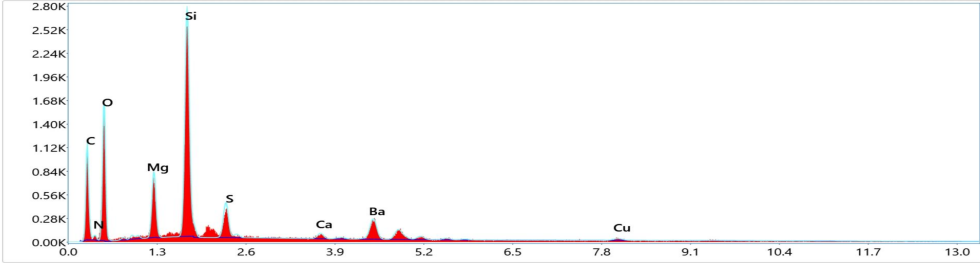
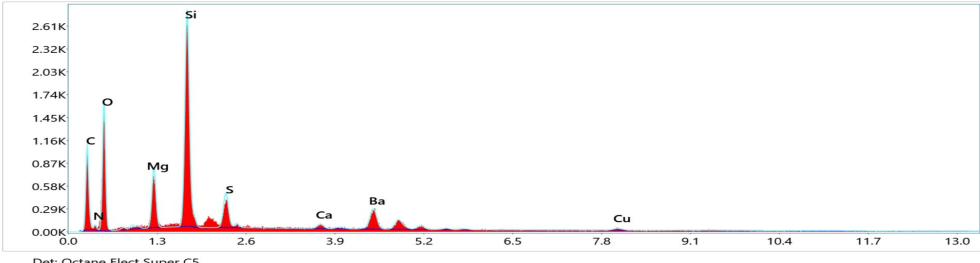
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

位置/Location 5#		
		
		
主元素列表/Main Element List:		
		
数据/Data I	Element	Wt%
	C	48.29
	N	2.15
	O	26.80
	Mg	3.92
	Si	9.97
	S	1.85
	Ca	0.45
	Cu	0.50
	Ba	6.07

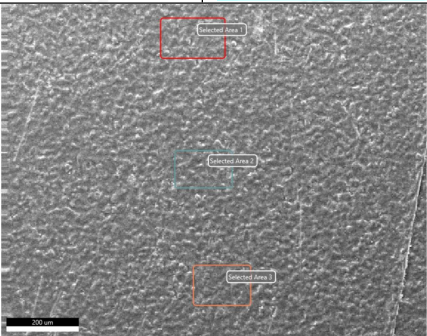
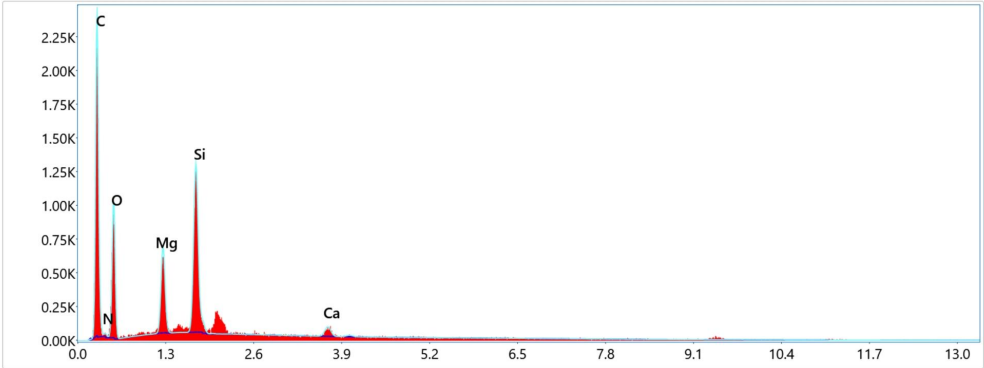
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-5 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	48.77
	N	2.49
	O	26.18
	Mg	3.92
	Si	9.54
	S	1.90
	Ca	0.46
	Cu	0.59
	Ba	6.15
20250611 0609-ISCT-5 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	47.63
	N	2.62
	O	26.19
	Mg	3.91
	Si	9.90
	S	2.08
	Ca	0.44
	Cu	0.57
	Ba	6.66

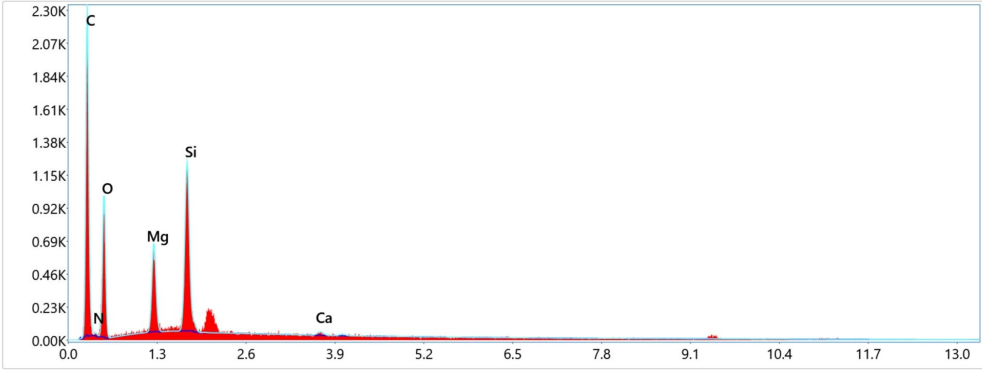
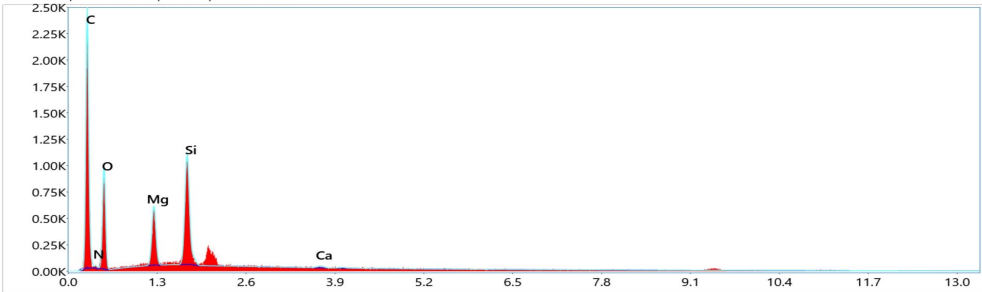
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

位置/Location 6#		
		
主元素列表/Main Element List:		
20250611 0609-ISCT-6 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	69.86
	N	0.73
	O	21.70
	Mg	2.90
	Si	4.27
	Ca	0.54

检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-6 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	69.84
	N	0.53
	O	22.23
	Mg	2.97
	Si	4.23
	Ca	0.20
20250611 0609-ISCT-6 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	71.04
	N	0.68
	O	21.73
	Mg	2.69
	Si	3.72
	Ca	0.14

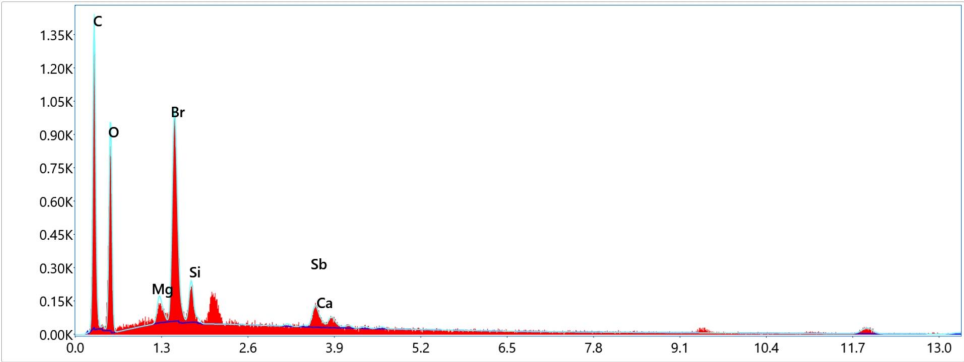
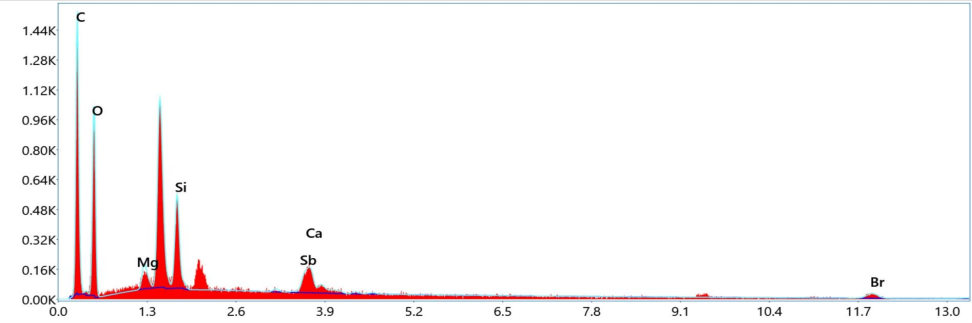
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



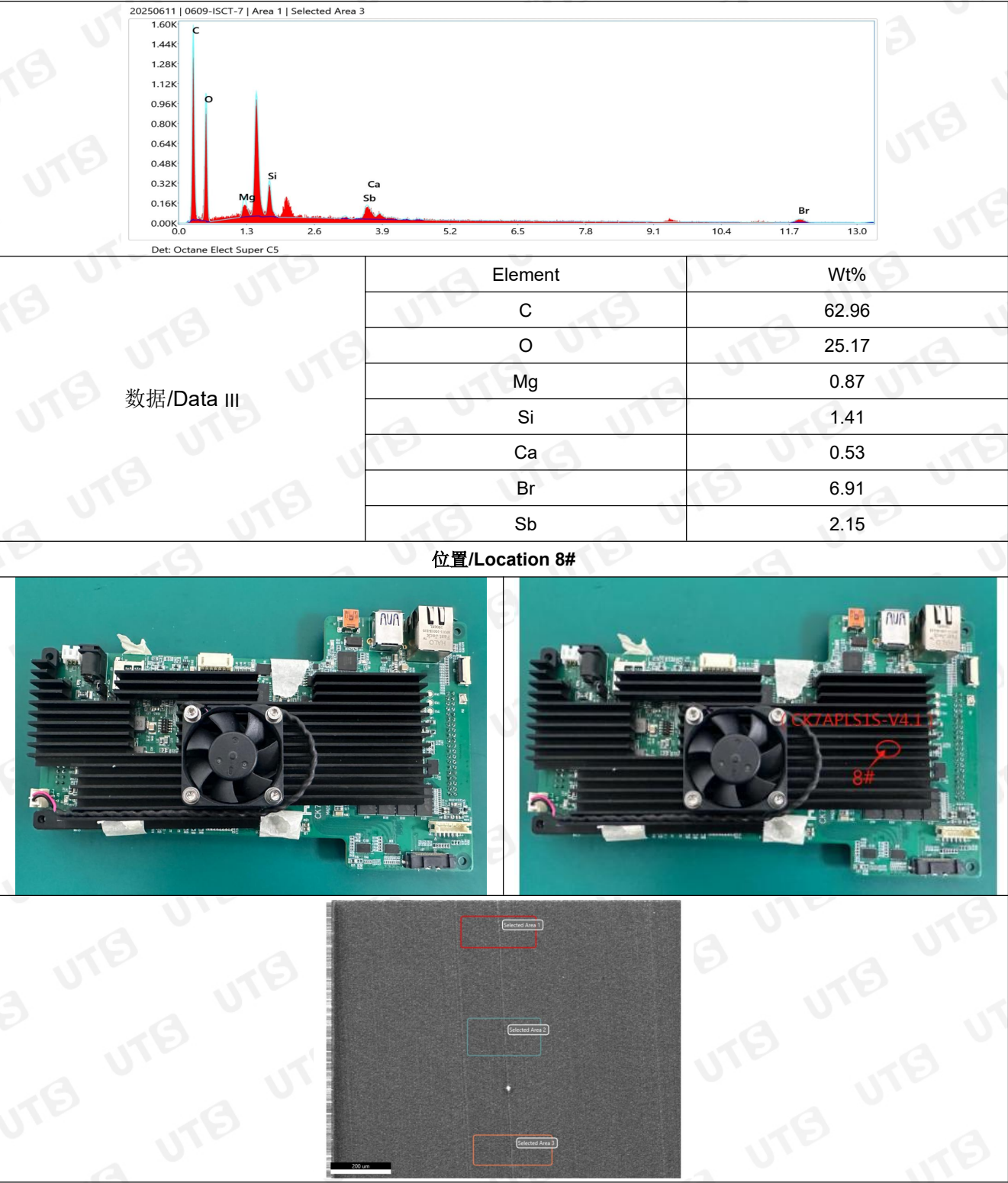
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

主元素列表/Main Element List:		
20250611 0609-ISCT-7 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	63.10
	O	25.06
	Mg	0.67
	Si	1.00
	Ca	0.29
	Br	7.80
	Sb	2.08
20250611 0609-ISCT-7 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	62.43
	O	25.23
	Mg	0.71
	Si	2.38
	Ca	1.15
	Br	6.16
	Sb	1.94

检 测 报 告
TEST REPORT

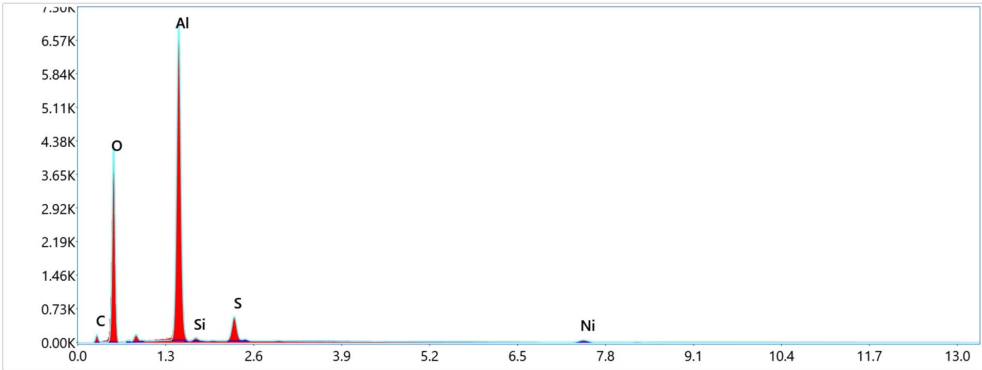
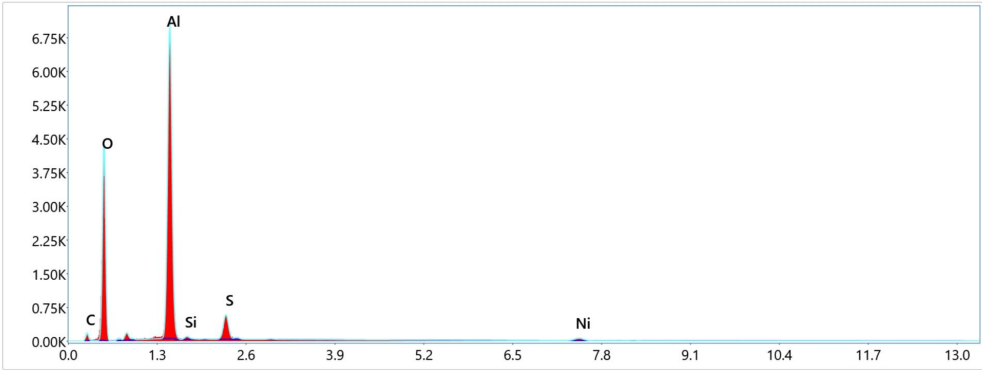
报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



位置/Location 8#

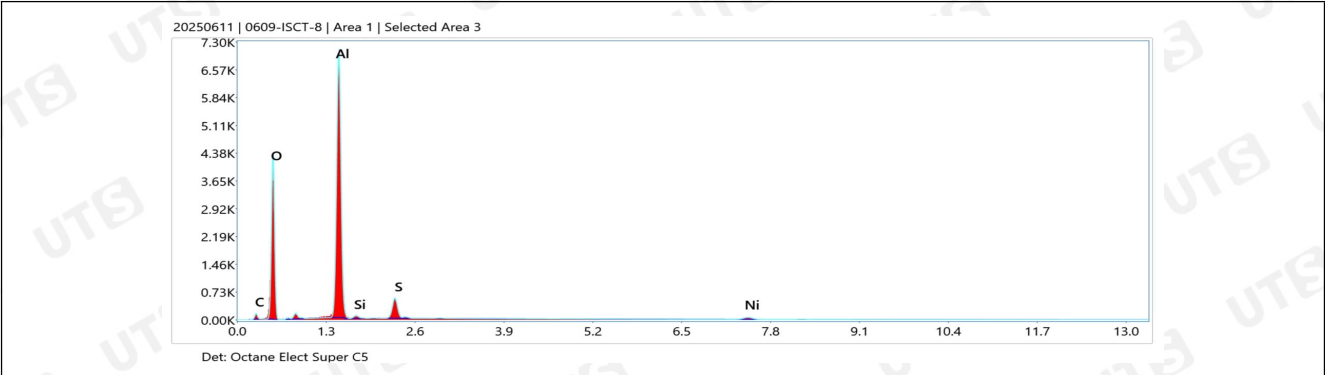
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

主元素列表/Main Element List:		
20250611 0609-ISCT-8 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	22.69
	O	47.99
	Al	25.54
	Si	0.34
	S	2.50
	Ni	0.94
20250611 0609-ISCT-8 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	22.79
	O	48.10
	Al	25.29
	Si	0.29
	S	2.50
	Ni	1.03

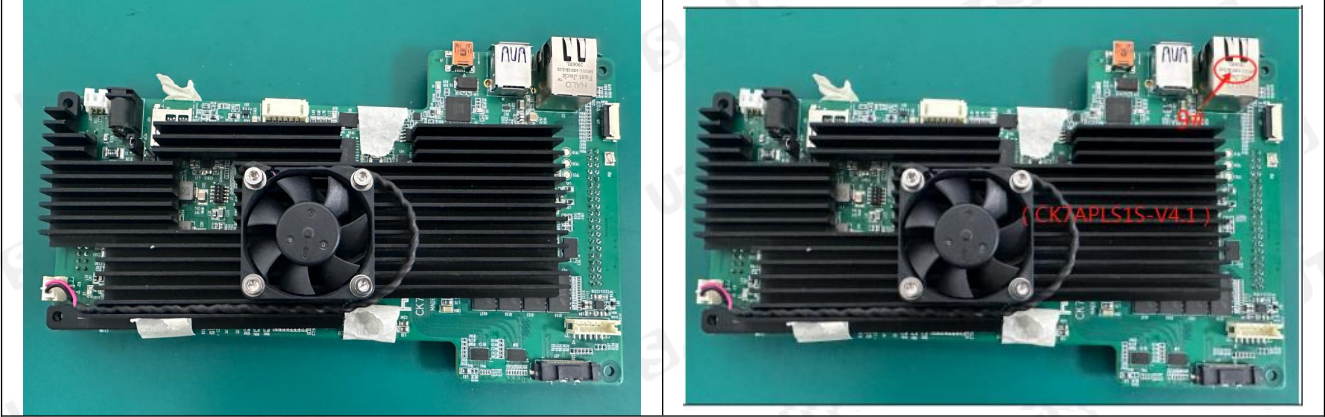
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



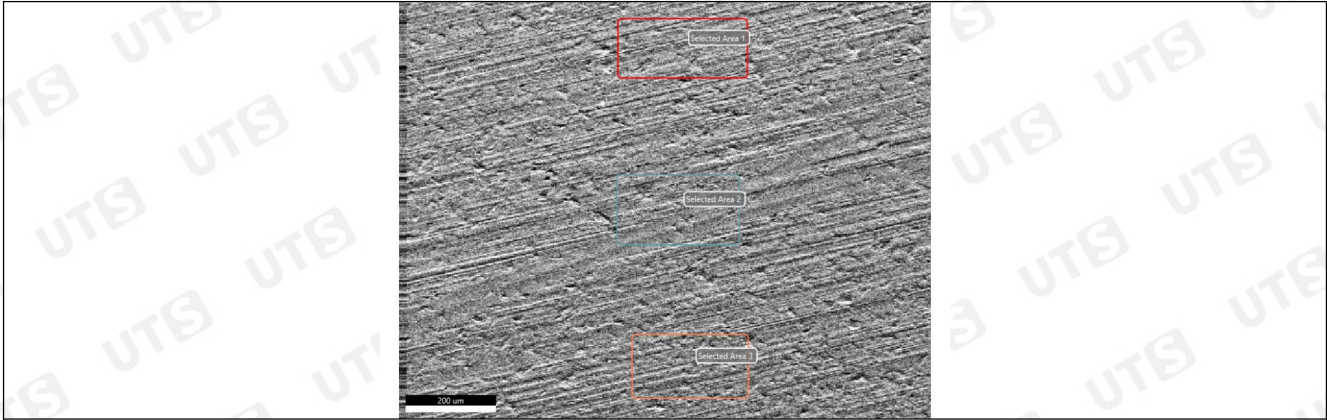
数据/Data III	Element	Wt%
	C K	15.37
	O K	47.54
	Al K	31.95
	Si K	0.49
	S K	3.34
	Ni K	1.31

位置/Location 9#

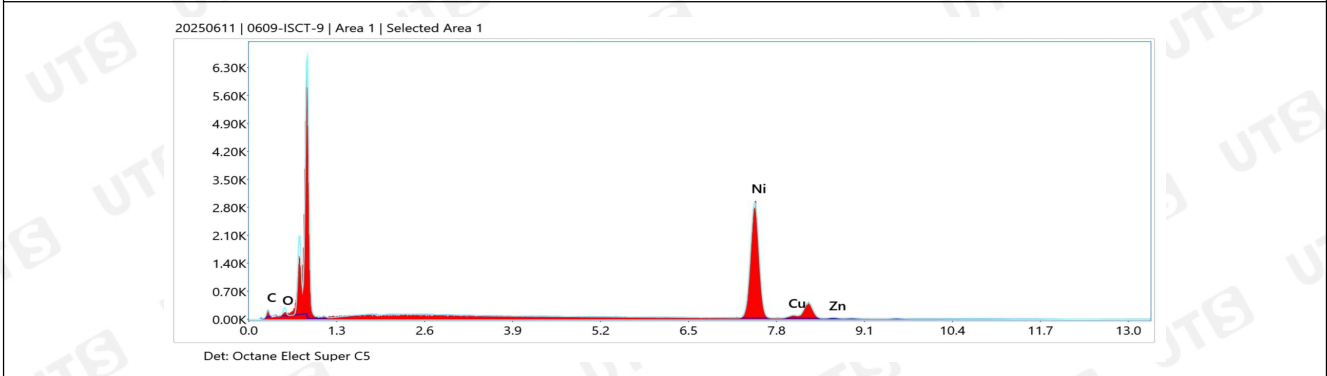


检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



主元素列表/Main Element List:



数据/Data I	Element	Wt%
	C	15.48
	O	2.33
	Ni	78.52
	Cu	2.59
	Zn	1.08

检 测 报 告
TEST REPORT

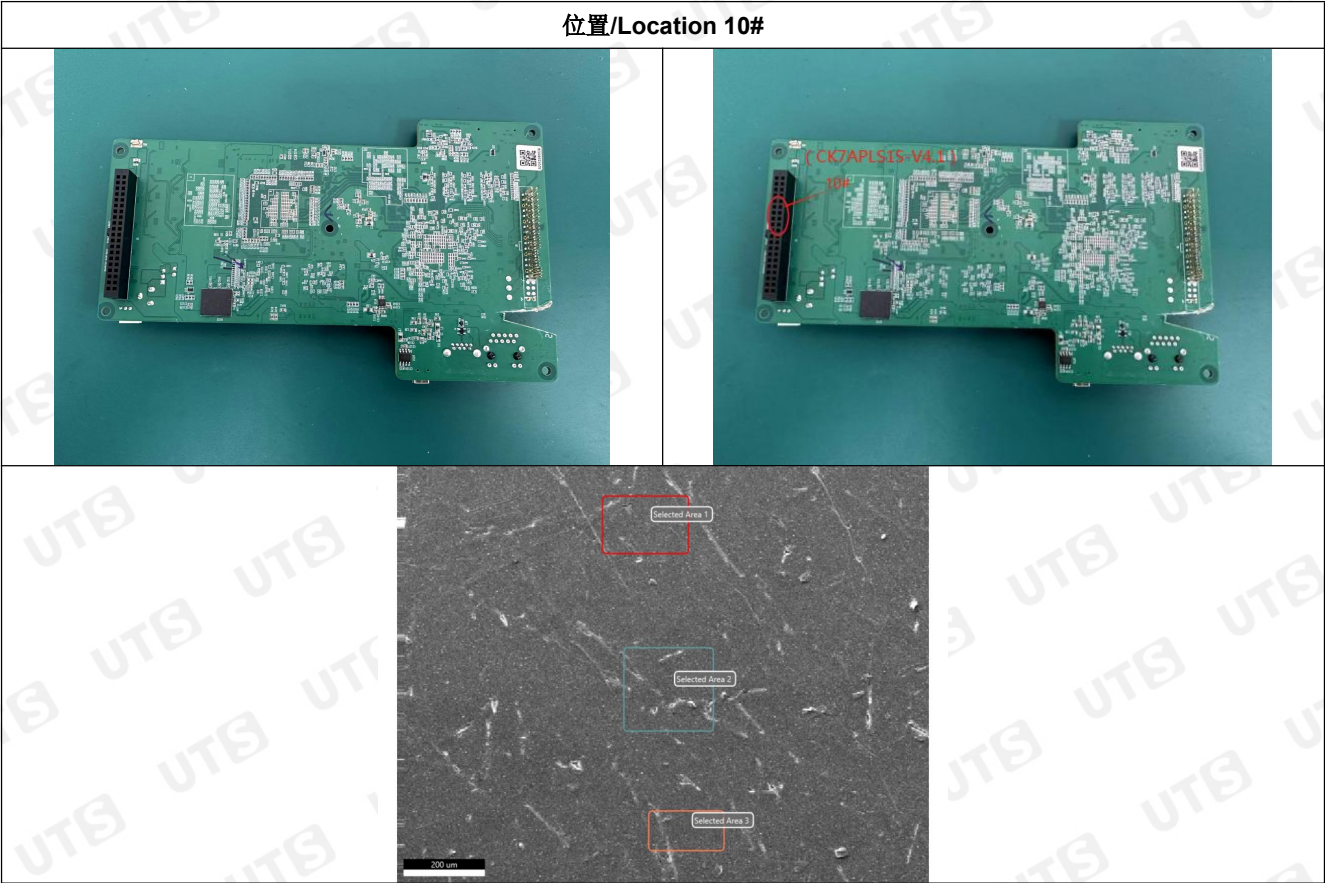
报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-9 Area 1 Selected Area 2		
Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	12.23
	O	1.88
	Ni	82.05
	Cu	2.76
	Zn	1.08
20250611 0609-ISCT-9 Area 1 Selected Area 3		
Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	11.15
	O	1.77
	Ni	83.14
	Cu	2.68
	Zn	1.26

检测报告

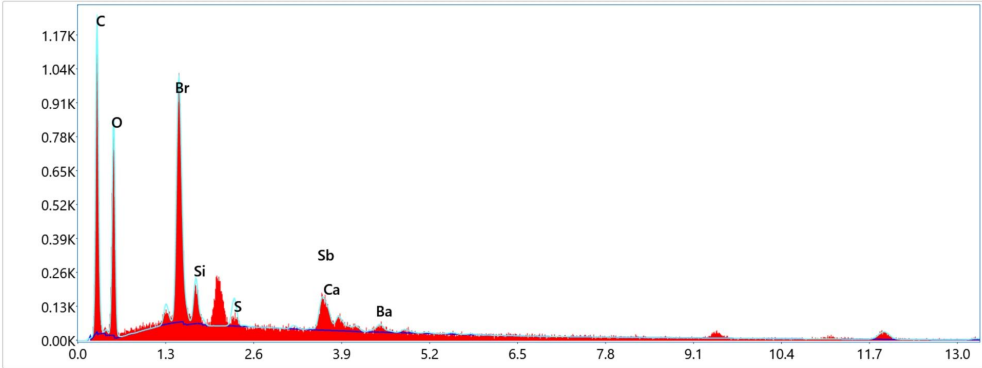
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



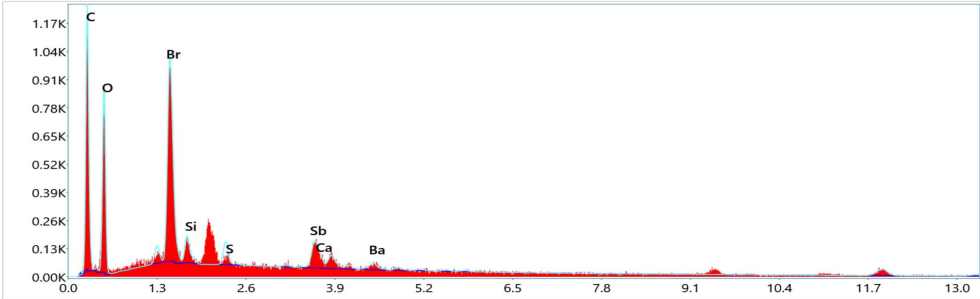
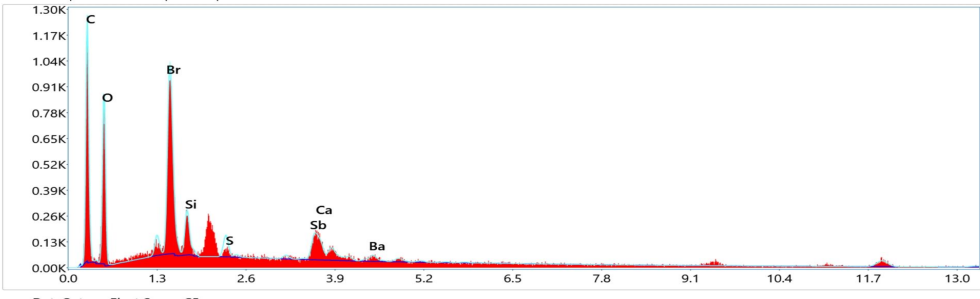
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

主元素列表/Main Element List:		
20250611 0609-ISCT-10 Area 1 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C K	61.65
	O	23.50
	Si	1.01
	S	0.72
	Ca	0.81
	Br	8.40
	Sb	2.76
	Ba	1.15

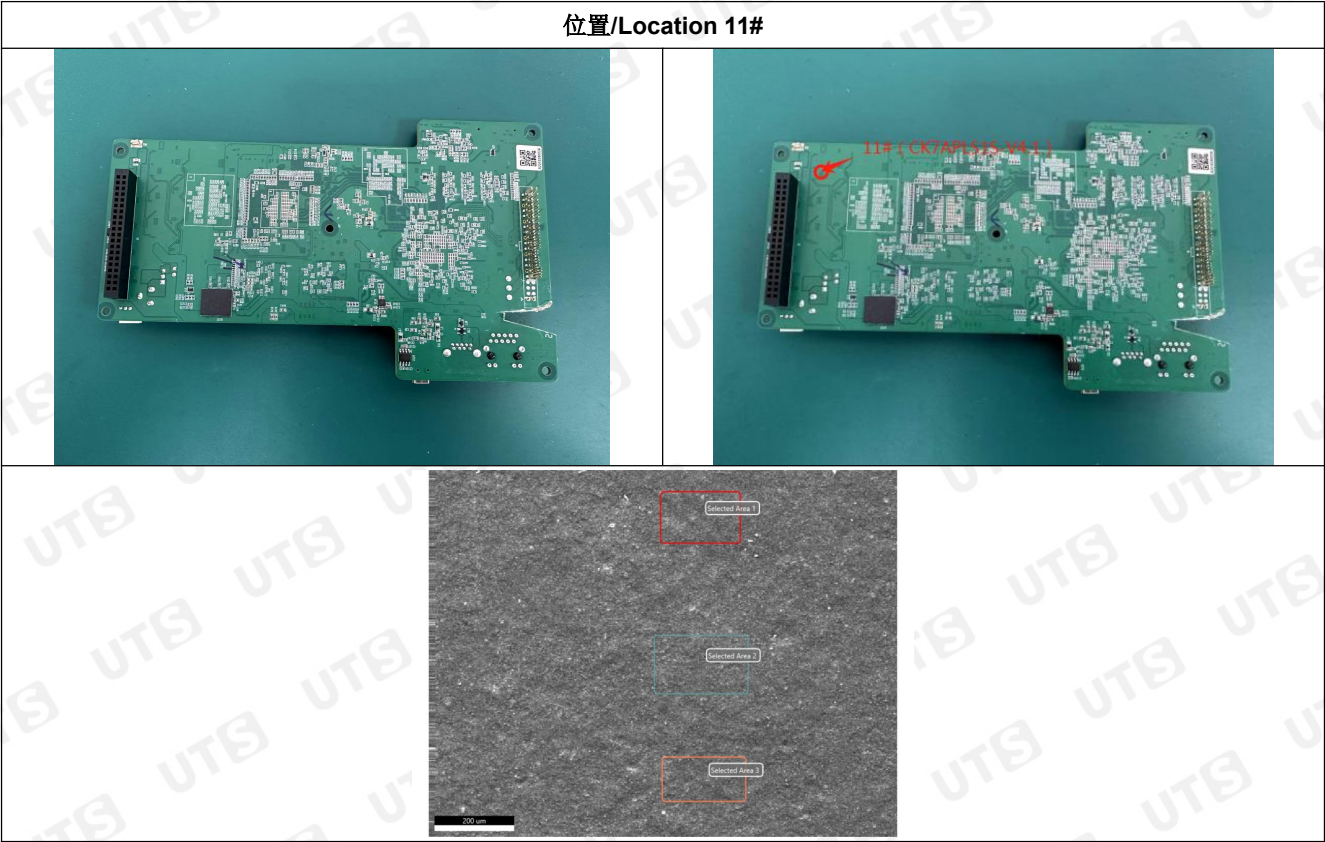
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-10 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	61.73
	O	23.85
	Si	0.71
	S	0.72
	Ca	0.51
	Br	8.46
	Sb	2.84
	Ba	1.18
20250611 0609-ISCT-10 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	61.38
	O	23.55
	Si	1.26
	S	0.71
	Ca	0.90
	Br	8.23
	Sb	2.85
	Ba	1.12

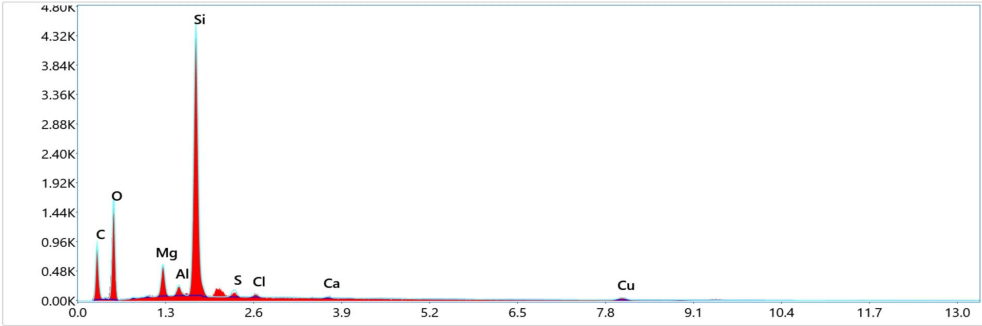
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17



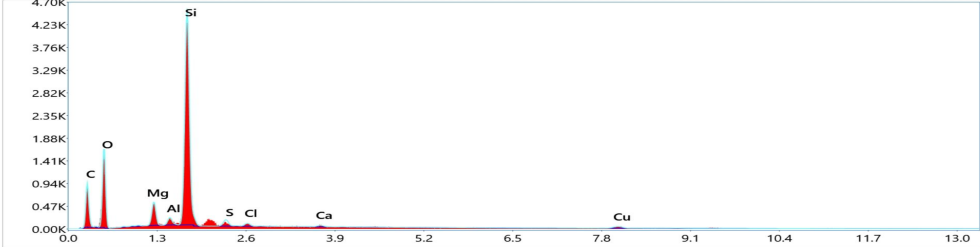
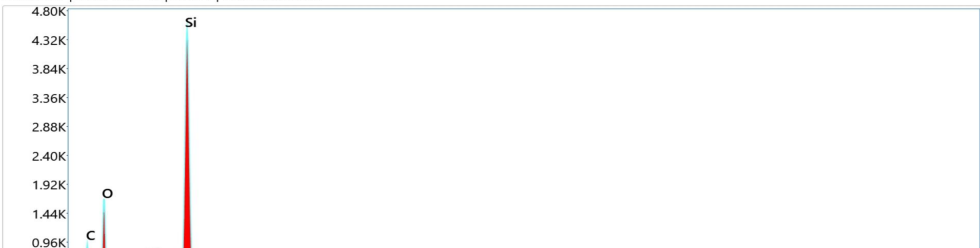
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

主元素列表/Main Element List:		
数据/Data I	20250611 0609-ISCT-11 Area 1 Selected Area 1  Det: Octane Elect Super C5	
	Element	Wt%
	C	57.82
	O	26.88
	Mg	1.86
	Al	0.51
	Si	11.42
	S	0.42
	Cl	0.20
	Ca	0.12
	Cu	0.77

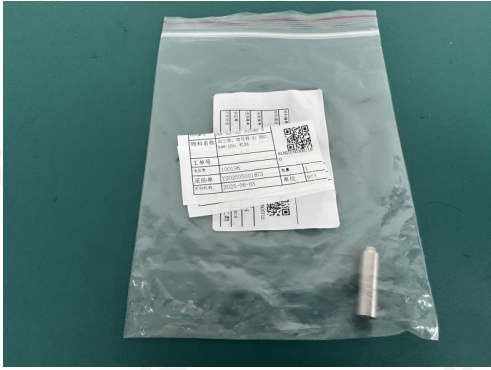
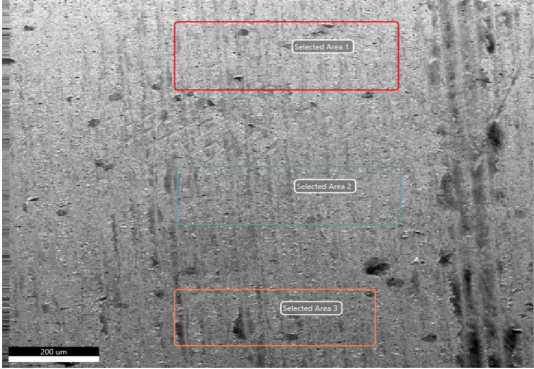
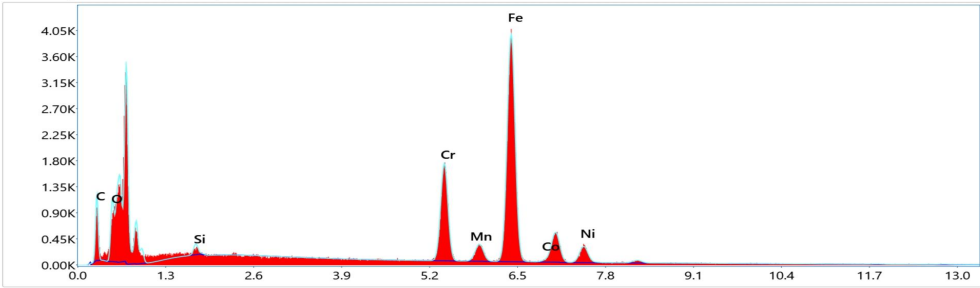
检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-11 Area 1 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	50.43
	O	28.76
	Mg	2.33
	Al	0.63
	Si	15.50
	S	0.68
	Cl	0.34
	Ca	0.25
	Cu	1.08
20250611 0609-ISCT-11 Area 1 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	50.49
	O	29.13
	Mg	2.45
	Al	0.63
	Si	15.56
	S	0.57
	Cl	0.31
	Ca	0.22
	Cu	0.64

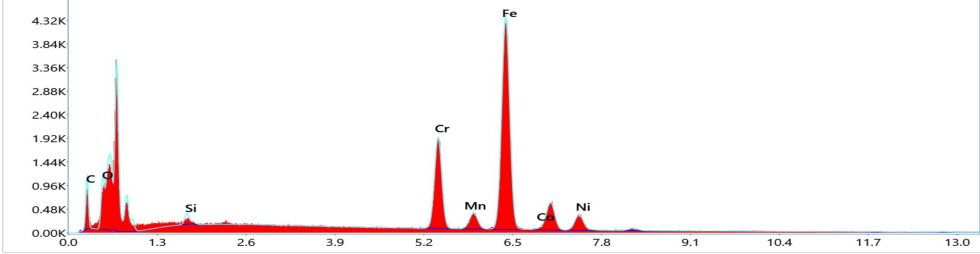
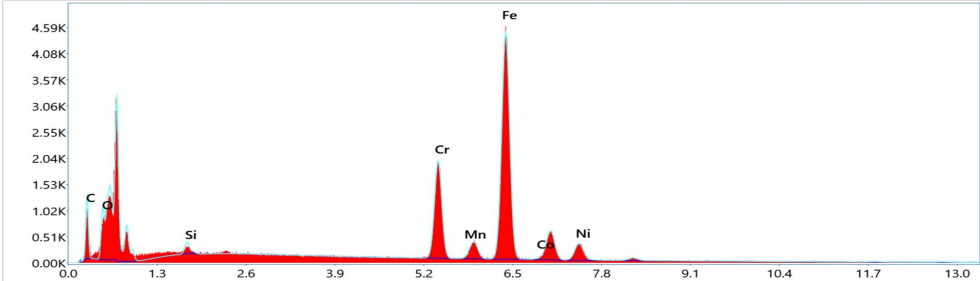
检测报告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

位置/Location 12#		
		12# 
		
主元素列表/Main Element List:		
20250611 0609-ISCT-12 Area 2 Selected Area 1  Det: Octane Elect Super C5		
数据/Data I	Element	Wt%
	C	35.51
	O	2.81
	Si	0.61
	Cr	11.18
	Mn	1.01
	Fe	43.84
	Co	0.46
	Ni	4.58

检 测 报 告
TEST REPORT

报告编号 (Report No.) :UTS25060087MR1 报告日期 (Report Date) : 2025/06/17

20250611 0609-ISCT-12 Area 2 Selected Area 2  Det: Octane Elect Super C5		
数据/Data II	Element	Wt%
	C	32.60
	O	2.74
	Si	0.70
	Cr	11.67
	Mn	1.03
	Fe	45.82
	Co	0.55
	Ni	4.89
20250611 0609-ISCT-12 Area 2 Selected Area 3  Det: Octane Elect Super C5		
数据/Data III	Element	Wt%
	C	34.88
	O	2.34
	Si	0.67
	Cr	11.41
	Mn	0.98
	Fe	44.41
	Co	0.45
	Ni	4.86

检 测 报 告

TEST REPORT

报告编号 (Report No.): UTS25060087MR1

报告日期 (Report Date): 2025/06/17

6、测试照片/Test Photo(s)



测试设备/Test equipment

此报告代替之前 2025/06/12 发出的报告 UTS25060087M, 特此声明报告 UTS25060087M 作废。

This report replaces the report UTS25060087M that was issued on 2025/06/12, we hereby declare that the report UTS25060087M is invalid.

.....报告结束/End of Report.....

本报告中结果仅作为科研、教学或内部质量控制之用。

Test results in this report are only used for scientific research, teaching and internal quality control.