

Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 1 of 9

Customer : Shenzhen PaiQi Nano-Tech Co.,Ltd.**Address** : D708/D709/ D11/D712 /D706, Technology incubation park, Longhua new district,
1301 sightseeing road, Longhua new district, Shenzhen city.**Sample Information:**

Sample Name : Electronic PCBA waterproof and moisture-proof nanometer coating

Sample Description : 8 pcs

Model/P.O. No. : L5

Item/Lot No. : /

Material : /

Buyer : /

Supplier : /

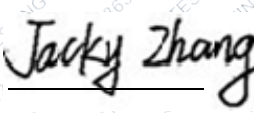
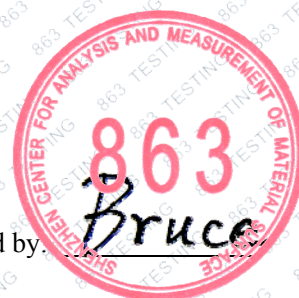
Manufacturer : /

Received Date : May.25, 2018

Test Period : May.25, 2018~Jun.01, 2018

Test Requested : According to the requirements of the customer, Acid and alkali resistance
test.**Test Method:**

Serial number	Test Item
1	Acid and alkali resistance test

Note(s): /**Test Result(s):** Please refer to the following page(s).Edited by: Audited by: Approved by: 

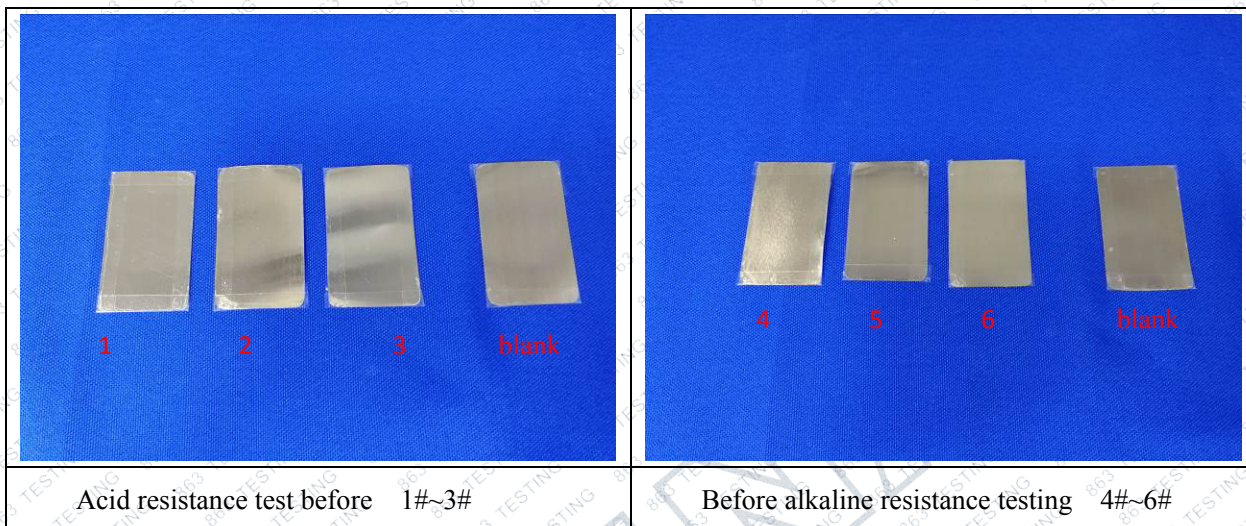
Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 2 of 9

1. Before the test photo:



2. Test environmental conditions:

 Test temperature: $(25 \pm 10)^\circ\text{C}$, Test humidity: $(50 \pm 25)\% \text{RH}$

3. Test Equipment:

Equipment name	Equipment No.	Equipment type	Calibration date
ph instrument	SA-20	PH700	20180717

4. The test method:

According to customer requirements and GB/T 9274 procedure A: semi-soaking.

5. Test Process:

Sample No	Test solution	PH	Test time
1#~3#	0.01N Hcl	2.0	96h
4#~6#	0.01N NaOH	12.0	
Acid and alkali resistance test sample side protection.			

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Test Report

Report No.: SAC2018-03119-2E

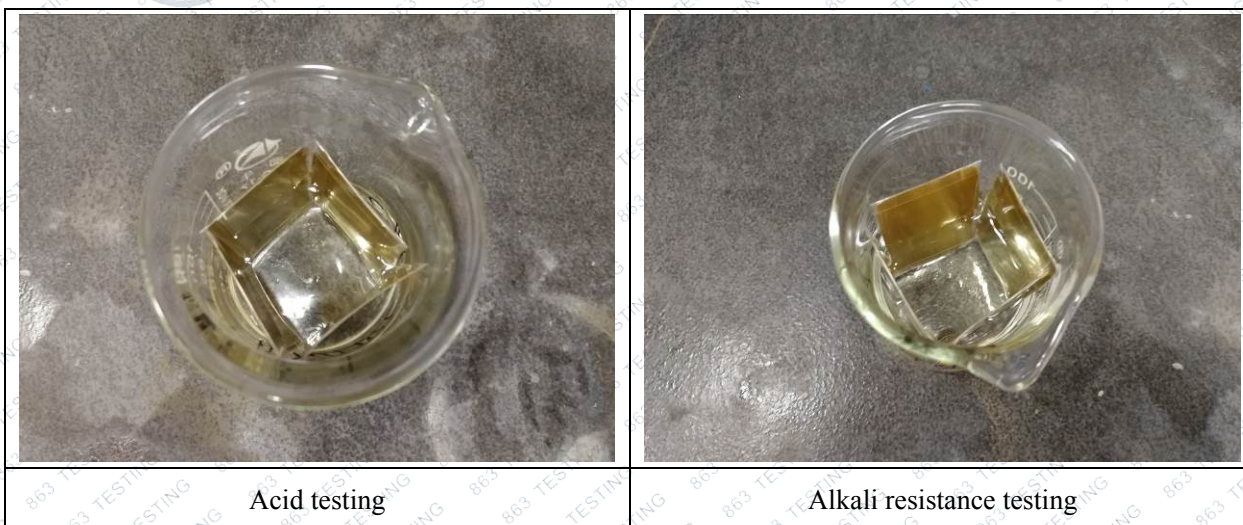
Date: Jun.05, 2018

Page 3 of 9

6. Test Result:

test item	time	Sample No.	Test Result (Visual inspection)
acidproof	24h	1#~2#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
	48h	1#~2#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
	72h	1#~2#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
	96h	1#~2#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
alkali-resisting	24h	4#~5#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
	48h	4#~5#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
	72h	4#~5#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.
	96h	4#~5#	The surface of the sample was no wrinkles, blistering, peeling, cracking, rust, mildew and spots.

7. The photo of the Test:

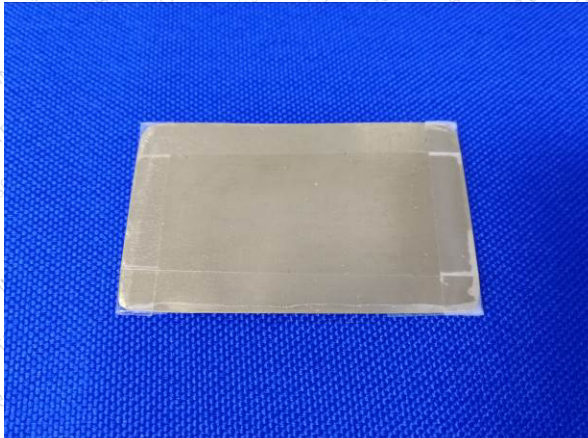
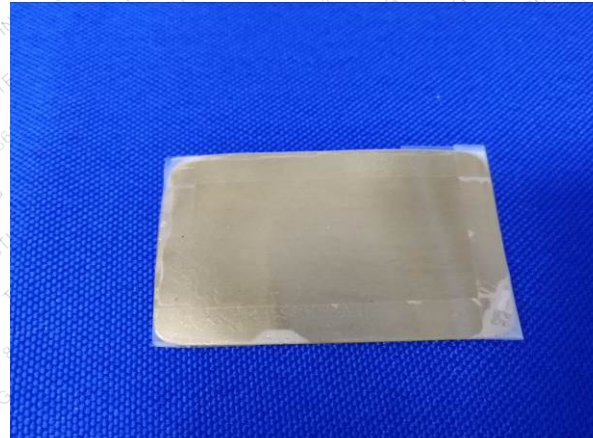
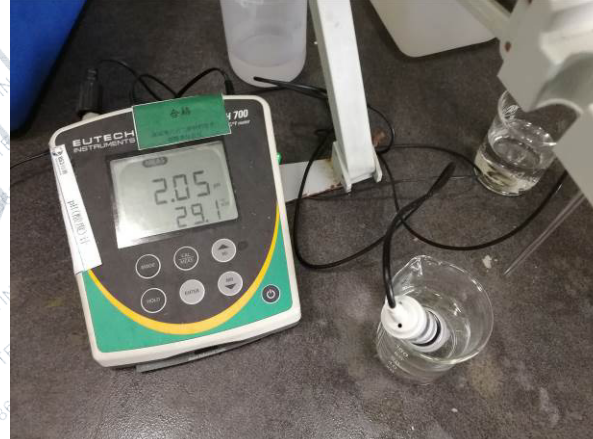
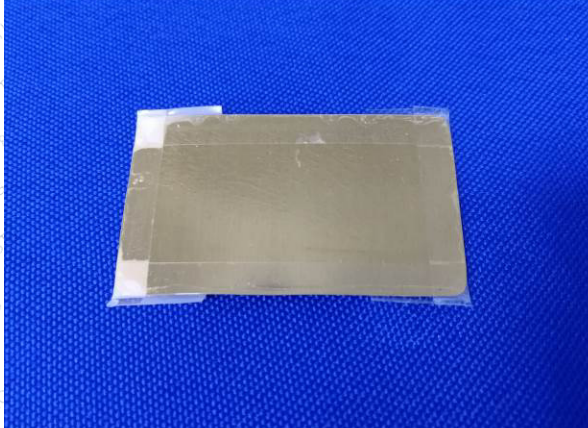


Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 4 of 9

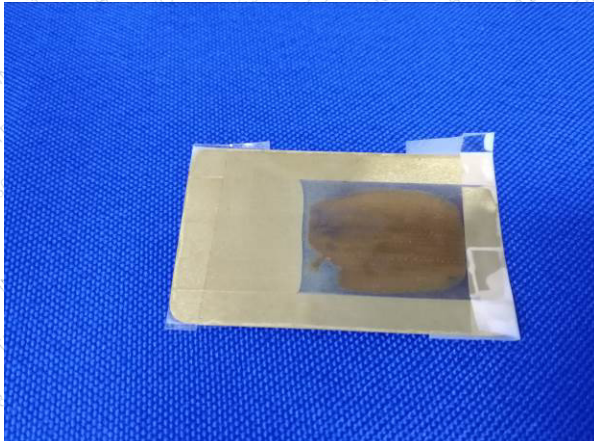
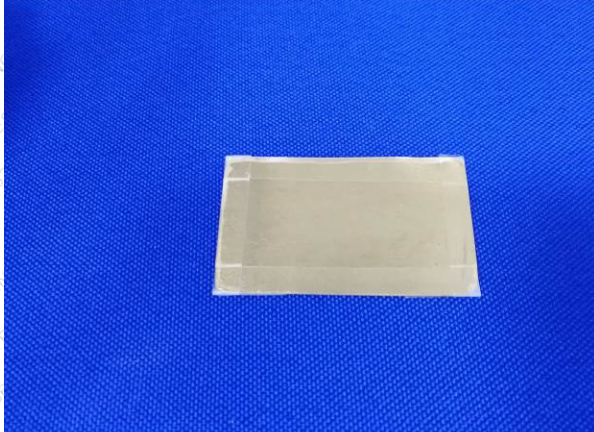
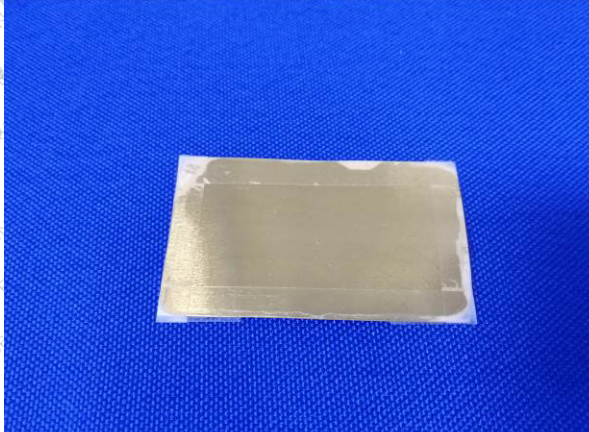
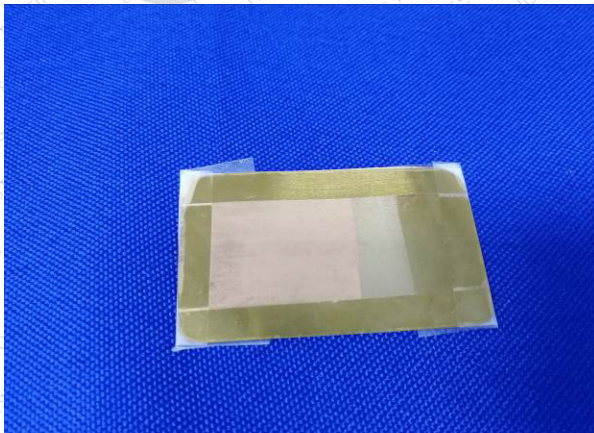
	
After acid test 1#	After acid test 2#
	
Acid resistance test blank sample	Acid resistance test solution PH value
	
After alkali resistance test 4#	After alkali resistance test 5#

Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 5 of 9

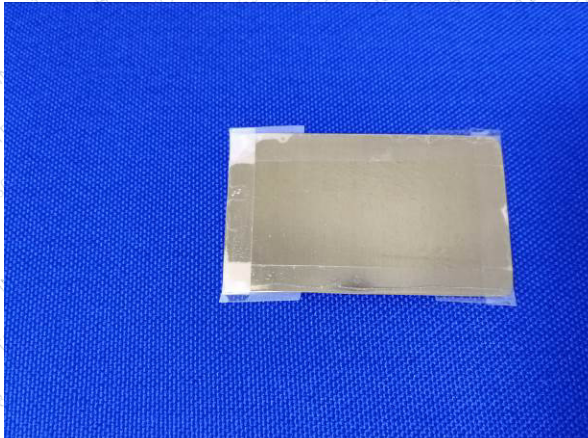
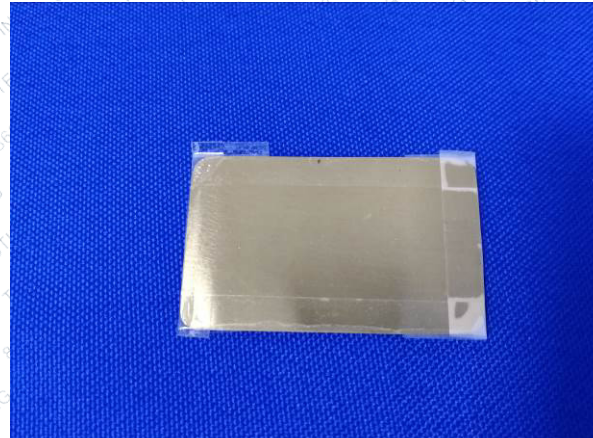
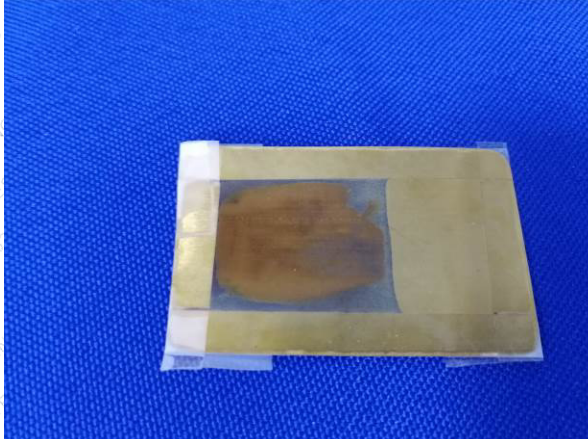
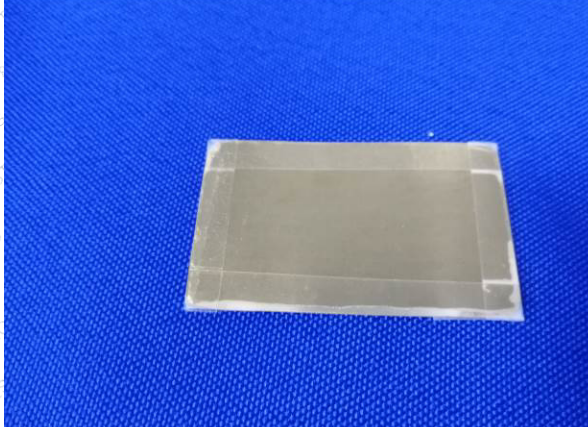
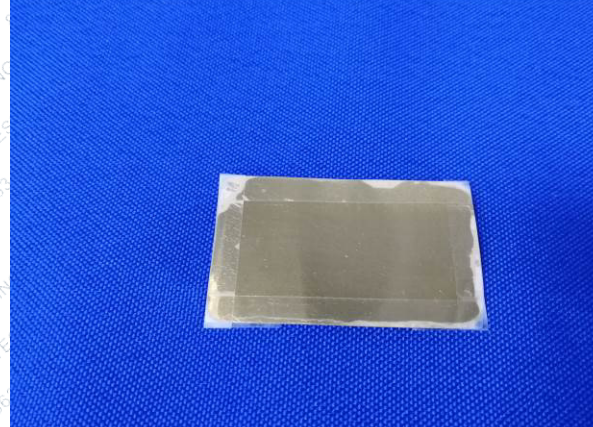
	
Blank sample after alkali resistance test	PH value of alkali resistant test solution
Sample photo after 24h test	
	
After acid test 1#	After acid test 2#
	
Acid resistance test blank sample	Acid resistance test solution PH value

Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 6 of 9

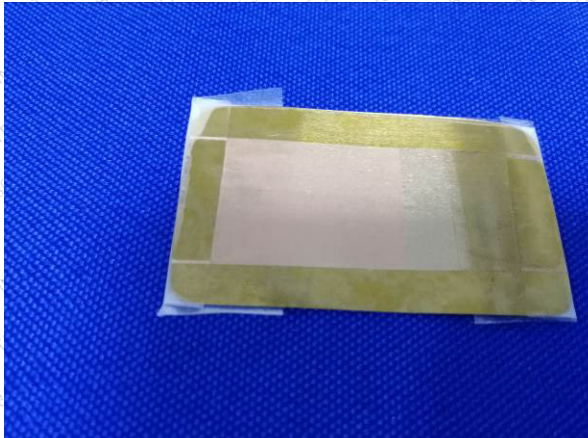
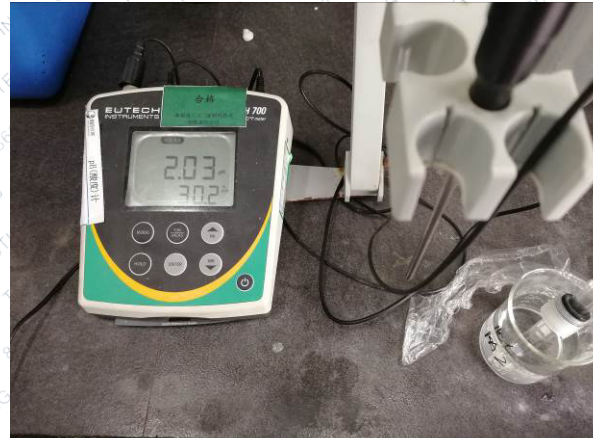
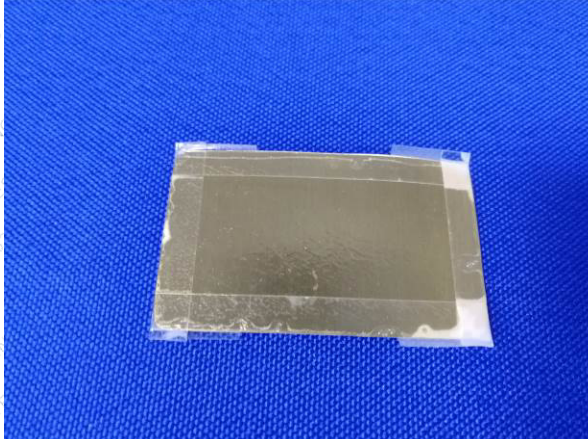
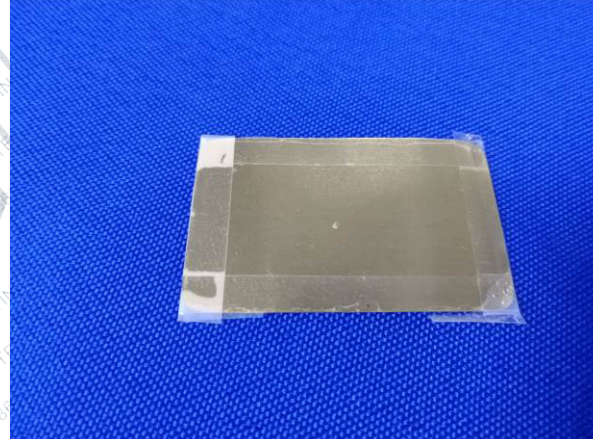
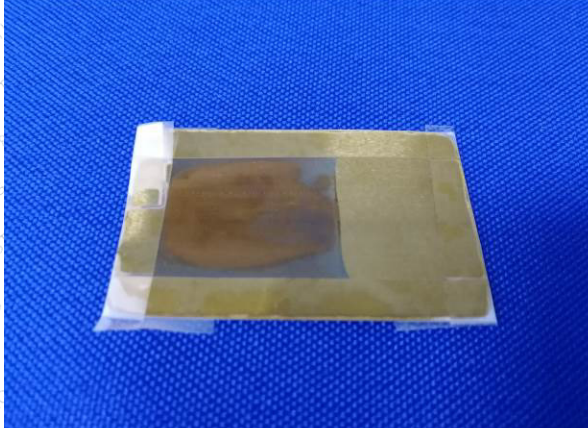
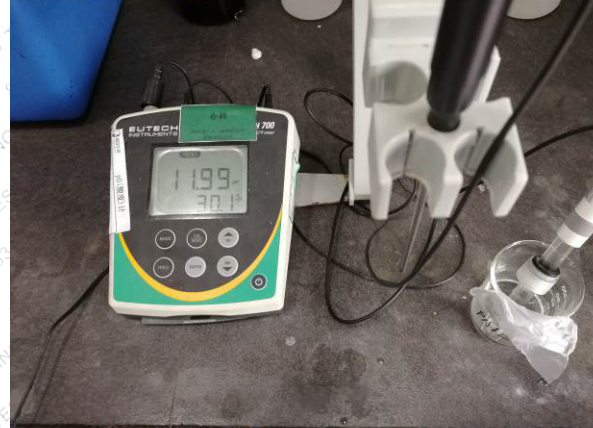
	
After alkali resistance test 4#	After alkali resistance test 5#
	
Blank sample after alkali resistance test	PH value of alkali resistant test solution
Sample photo after 48h test	
	
After acid test 1#	After acid test 2#

Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 7 of 9

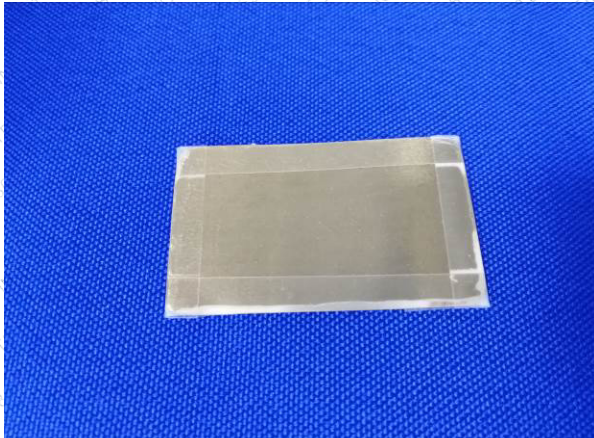
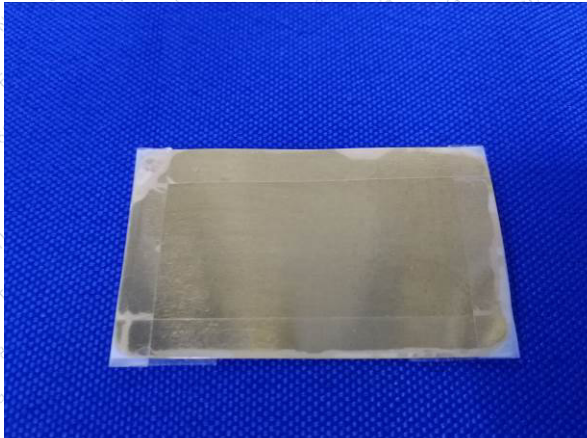
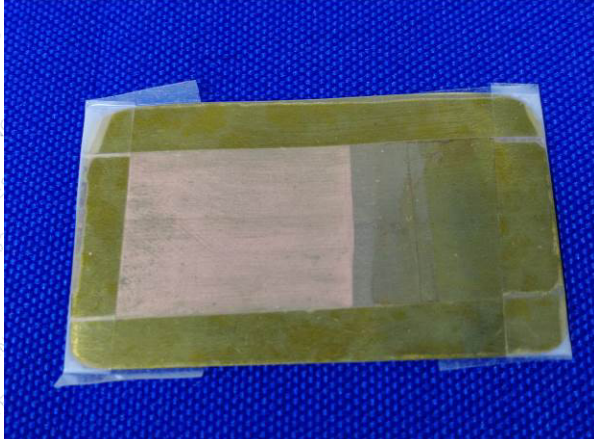
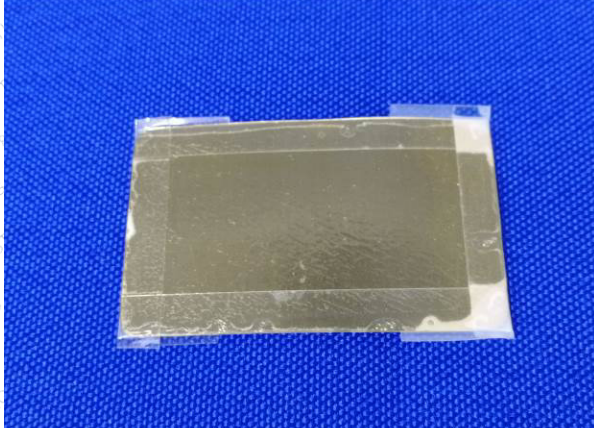
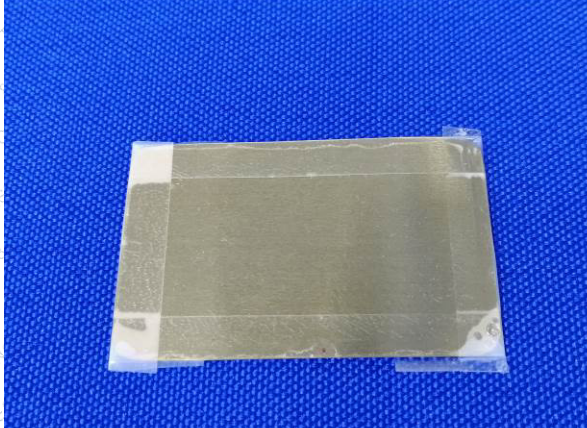
	
Acid resistance test blank sample	Acid resistance test solution PH value
	
After alkali resistance test 4#	After alkali resistance test 5#
	
Blank sample after alkali resistance test	PH value of alkali resistant test solution
Sample photo after 72h test	

Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 8 of 9

	
After acid test 1#	After acid test 2#
	
Acid resistance test blank sample	Acid resistance test solution PH value
	
After alkali resistance test 4#	After alkali resistance test 5#

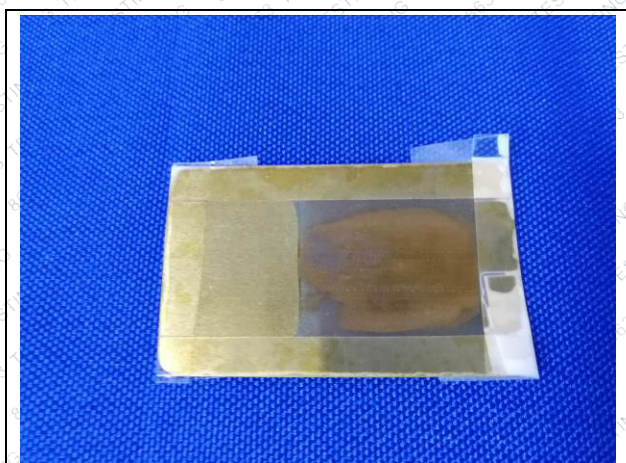
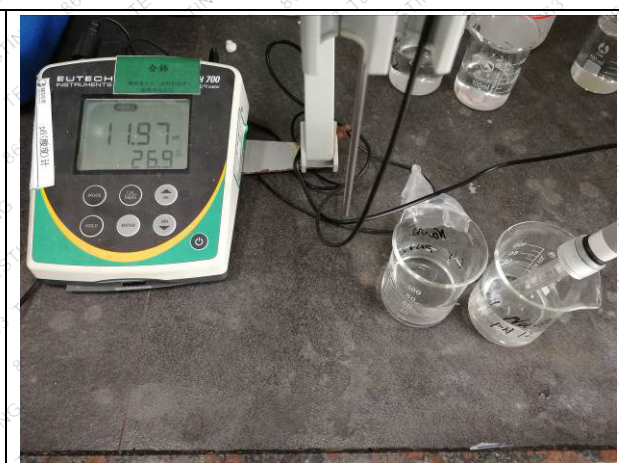
Shenzhen 863 New Material and Technology Co., Ltd

Test Report

Report No.: SAC2018-03119-2E

Date: Jun.05, 2018

Page 9 of 9

	
Blank sample after alkali resistance test	PH value of alkali resistant test solution
Sample photo after 96h test	

*** End of report ***

This report is invalid without the Special Seal of our Company. This report shall not be altered, increased or deleted. The results shown in this report refer only to the sample(s) tested.

Authenticity query URL of report : www.szsac.com Anti-counterfeiting code : h7ewc7