

# Test Report

No.: 68.431.26.4098.01B

Date: 2026-06-12



**Applicant:** Nanjing Microne Electronics Inc.  
**Address:** 5F,1ST Building No.699-8 Xuanwu Avenue, Xuanwu District ,Nanjing  
**Product Name:** IC  
**Product Type / End use:** SOT,SOP,ESOP,EQSOP,DIP,TO,DFN,TSSOP,EMSOP,MSOP,SSOP,QFN,LQFP,FBP,CSP,CPC,TSOT, eTSSOP 系列等  
**Receipt Date of Sample:** 2026-05-09  
**Date of Testing:** 2026-05-12 ~ 2026-05-20  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

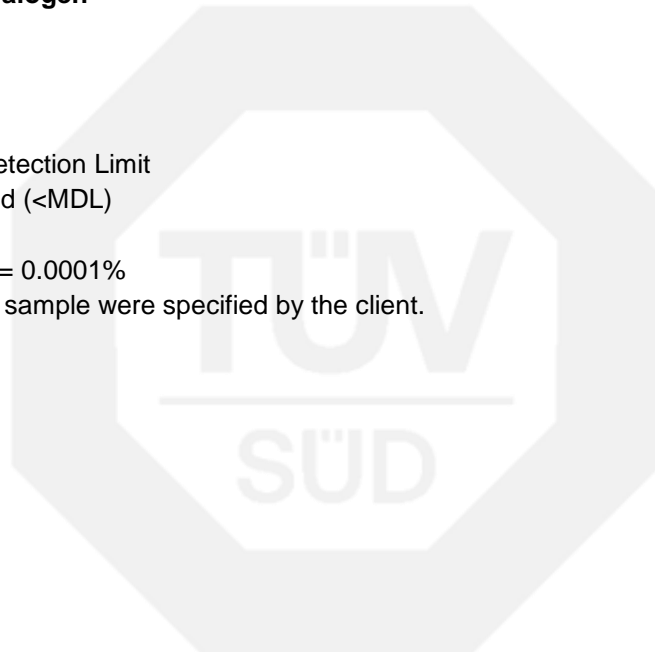
## Test Item

1. Client's requirement - Halogen

## Conclusion

Pass

Remarks: 1. MDL = Method Detection Limit  
2. ND = Not Detected (<MDL)  
3. <= Less than  
4. 1 mg/kg = 1 ppm = 0.0001%  
5. The test item and sample were specified by the client.



Regd. Office:

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
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Lab 1 - Chemical testing and part of electrical testing

Building 12&13, Zhiheng Wisdomland Business Park, Guankou Erlu, Nantou, Nanshan District, Shenzhen, Guangdong, China

Lab 2 - Physical & mechanical testing

Building A2, Jin'ao Industrial Park, No. 150, Jingfang Road, Fuhai, Baoan District, Shenzhen, Guangdong, China

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No.: 68.431.26.4098.01B

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
Testing Center

Prepared by:

Authorized by:

*Gianna*



*Steven Shu*

**Gao, Gianna**  
Project Manager

**Shu, Steven**  
Project Manager

## Note:

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- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) If relevant standards do not specify decision rule(s), follow decision rule as below:
  - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
  - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.

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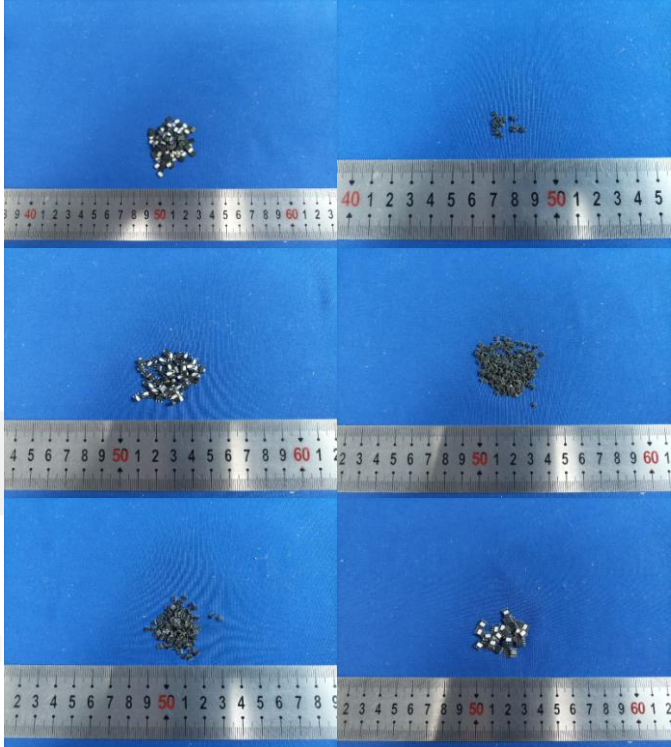

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Description of Tested Subject:

Sample	Description	Photo
A	Whole product	
001	Black material (SOT23-5)	

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Sample	Description	Photo
002	Black material (SOT23-3)	
003	Black material (SOT89-3)	
004	Black material (SOT23-6)	

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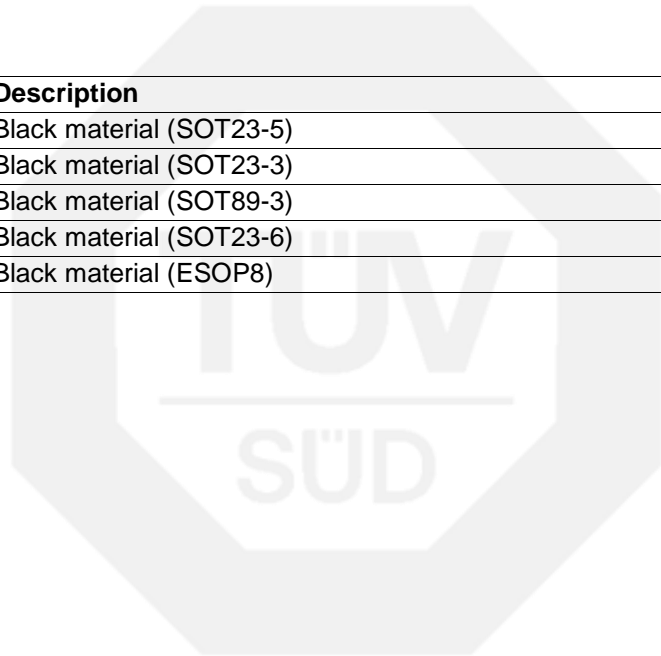
No.: 68.431.26.4098.01B

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Sample	Description	Photo
005	Black material (ESOP8)	

T. No	Sample	Description
T1	001	Black material (SOT23-5)
T2	002	Black material (SOT23-3)
T3	003	Black material (SOT89-3)
T4	004	Black material (SOT23-6)
T5	005	Black material (ESOP8)



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## Test Result(s):

### 1. Client's requirement - Halogen

Test reference to BS EN 14582:2016 and analyzed by Ion Chromatograph (IC).

Compound	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					001	002
Fluorine(F)	-	mg/kg	50	-	<50	<50
Iodine(I)	-	mg/kg	50	-	<50	<50
Chlorine(Cl)	-	mg/kg	50	900	<50	<50
Bromine(Br)	-	mg/kg	50	900	<50	<50
Chlorine(Cl) + Bromine(Br)	-	mg/kg	50	1500	<50	<50
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Compound	CAS No.	Unit	MDL	Client's Limit	Result(s)	
					003	004
Fluorine(F)	-	mg/kg	50	-	<50	<50
Iodine(I)	-	mg/kg	50	-	<50	<50
Chlorine(Cl)	-	mg/kg	50	900	<50	<50
Bromine(Br)	-	mg/kg	50	900	<50	<50
Chlorine(Cl) + Bromine(Br)	-	mg/kg	50	1500	<50	<50
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

Compound	CAS No.	Unit	MDL	Client's Limit	Result(s)
					005
Fluorine(F)	-	mg/kg	50	-	<50
Iodine(I)	-	mg/kg	50	-	<50
Chlorine(Cl)	-	mg/kg	50	900	<50
Bromine(Br)	-	mg/kg	50	900	<50
Chlorine(Cl) + Bromine(Br)	-	mg/kg	50	1500	<50
<b>Conclusion</b>					<b>Pass</b>

-End of Test Report-

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