

Test Report

No.: 68.431.25.2182.01B

Date: 2025-06-13



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,LQF P,FBP,CSP,CPC,TSOT, eTSSOP 系列等
Receipt Date of Sample: 2025-05-15
Date of Testing: From 2025-05-19 to 2025-05-22
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

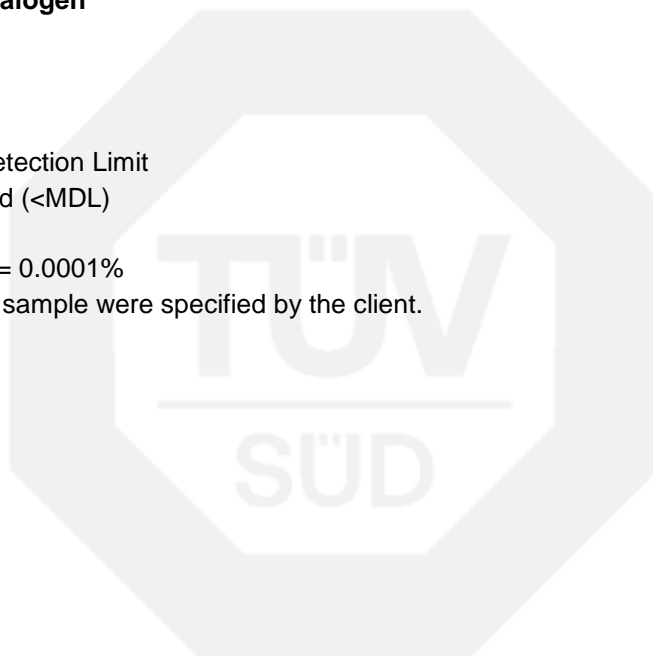
Test Item

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
Building 12&13, Zhiheng Wisdomland Business Park, Guankou Erlu, Nantou, Nanshan District,
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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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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Testing Center

Prepared by:

Authorized by:



Huang, Jessica
Project Manager

Shu, Steven
Project Manager

Note:

- (1) The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied.
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For further details, please see "Testing and certification regulation", chapter A-3.4
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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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Description of Tested Subject:

Sample	Description	Photo
A	Whole product	
001	Black material (SOT23-3)	

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Sample	Description	Photo
002	Black material (SOT89-3)	
003	Black material (SOT23-5)	
004	Black material (SOT23-6)	

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Sample	Description	Photo
005	Black material (DIP8)	

T. No	Sample	Description
T1	001	Black material (SOT23-3)
T2	002	Black material (SOT89-3)
T3	003	Black material (SOT23-5)
T4	004	Black material (SOT23-6)
T5	005	Black material (DIP8)

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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	100	1500	<100	<100
Conclusion					Pass	Pass

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	100	1500	<100	<100
Conclusion					Pass	Pass

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	100	1500	<100	
Conclusion					Pass	

-End of Test Report-

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