



# TEST REPORT

Report No ..... : WTH24H04083041C  
 Applicant ..... : Foshan Blue Rocket Electronics Co.,Ltd.  
 Address ..... : NO.45 GUXIN ROAD,CHANCHENG  
 DISTRICT,FOSHAN,GUANGDONG,P.R.C.  
 Sample Name ..... : Diodes  
 Sample Model ..... : DO-41  
 Test Requested ..... : Determine the Fluorine(F), Chlorine(Cl), Bromine(Br), Iodine(I)  
 content in the sample with reference to IEC61249-2-21.  
 Test Conclusion ..... : PASS  
 Date of Receipt sample ..... : 2024-04-15  
 Testing period ..... : 2024-04-15 ~ 2024-04-17  
 Date of Issue ..... : 2024-04-18  
 Test Result ..... : Refer to next page (s)

Prepared By:

**Shenzhen Hongcai Testing Technology Co., Ltd.**

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Signed for and on behalf of  
 Shenzhen Hongcai Testing Technology Co., Ltd.



Michael Huang  
 Shenzhen Hongcai Testing Technology Co., Ltd.  
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**Test Result(s):**

Test Method/Equipment: EN 14582:2016; IC

Test Item(s)	Unit	MDL	Result(s)	Limit
Fluorine(F)	mg/kg	20	ND	—
Chlorine(Cl)	mg/kg	50	ND	900
Bromine(Br)	mg/kg	50	ND	900
Iodine(I)	mg/kg	50	ND	—
Total(Cl+Br)	mg/kg	—	ND	1500

**Note:**

mg/kg (milligram per kilogram) = ppm (parts per million)

ND=Not Detected

MDL=Method Detection Limit

Results shown as ND are ignored in the sum calculation.

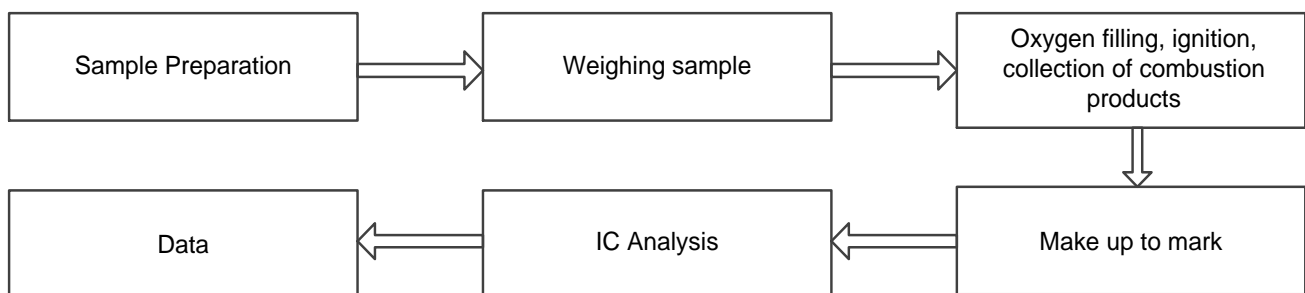
**Sample Description:**

No.	HCT Sample ID	Test Part Description		Note
1-1	WTH24H04083040C~3042C.1	1-1	Gray printed black body	•

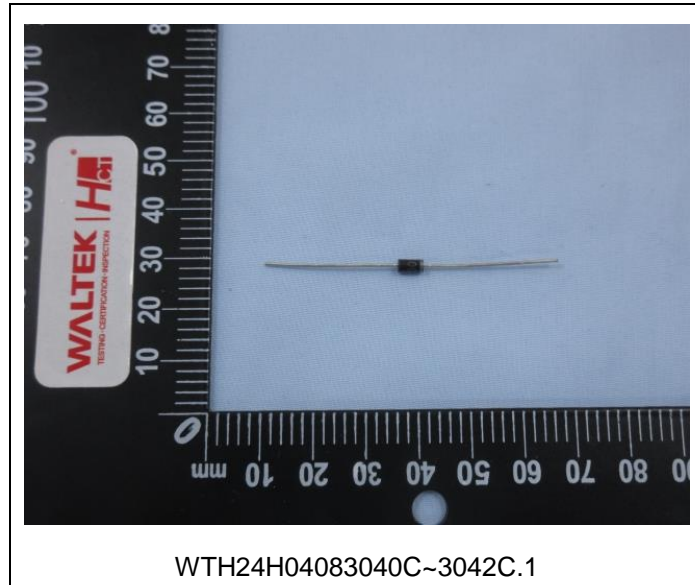
**Note:**

•=Actual tested sample

**Test Flow Chart:**



The photo of the sample



Statement:

1. This report is considered invalid without approved signature and special seal.
2. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which HCT hasn't verified.
3. The result(s)(conclusion) shown in this report refer(s) only to the sample(s) tested.
4. Without written approval of HCT, this report can't be reproduced except in full.
5. The result(s) in no CMA logo report shall only be used for client's scientific research, teaching, internal quality control, product research and development, etc..and just for internal reference.
6. The "n" in CNAS logo report means that the test item(s) was (were) currently not applying for CNAS accreditation.
7. Decision rules used in this report:
  - (1)According to the Decision rules in the regulations/standards listed in the Test Requested;
  - (2)If there is no Decision rules specified in the regulations listed in the Test Requested, then according to CNAS-GL015 Guidelines on Decision Rules and Statements of Conformity, 6.2.1, Simple Acceptance ( $w=0$ ) of The binary Decision rule:
 

PASS (Accepted) - The measured value is within the tolerance interval.

FAIL (Rejected) - The measured value is outside the tolerance interval.

===== End of Report =====

