

## **Test Report**

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BOURNS INC. 1200 COLUMBIA AVE., RIVERSIDE, CA 92507-2114, U. S. A. The following sample(s) was/were submitted and identified by/on behalf of the client as :

Sample Description	:	CHF SERIES ALN CHIP WITH GOLD PLATING
Sample Receiving Date	:	2007/10/05
Testing Period	:	2007/10/05 TO 2007/10/15

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Test Requested	:	In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.	
Test Method	:	With reference to IEC 62321, Ed.1 111/54/CDV Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.	
		<ul> <li>(1) Determination of Cadmium by ICP-AES.</li> <li>(2) Determination of Log due to Department of the top due to Department of top due to Department o</li></ul>	
		<ul><li>(2) Determination of Lead by ICP-AES.</li><li>(3) Determination of Mercury by ICP-AES.</li></ul>	
		<ul> <li>(4) Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.</li> </ul>	
		(5) Determination of PBB and PBDE by GC/MS.	
Test Result(s)	:	Please refer to next page(s).	

Chenyu Kung / Operation Manager Signed for and on behalf of SGS TAIWAN LTD. Chemical Laboratory – Taipei

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BOURNS INC.

1200 COLUMBIA AVE., RIVERSIDE, CA 92507-2114, U. S. A.

Test results by chemical method (Unit: mg/kg)

	Method	Result	MDL
Test Item (s):	(Refer to)	No.1	
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2
Sum of PBBs		n.d.	-
Monobromobiphenyl		n.d.	5
Dibromobiphenyl		n.d.	5
Tribromobiphenyl		n.d.	5
Tetrabromobiphenyl		n.d.	5
Pentabromobiphenyl		n.d.	5
Hexabromobiphenyl		n.d.	5
Heptabromobiphenyl		n.d.	5
Octabromobiphenyl		n.d.	5
Nonabromobiphenyl		n.d.	5
Decabromobiphenyl		n.d.	5
Sum of PBDEs (Mono to Nona) (Note 4)	(5)	n.d.	-
Monobromobiphenyl ether		n.d.	5
Dibromobiphenyl ether		n.d.	5
Tribromobiphenyl ether		n.d.	5
Tetrabromobiphenyl ether		n.d.	5
Pentabromobiphenyl ether		n.d.	5
Hexabromobiphenyl ether		n.d.	5
Heptabromobiphenyl ether		n.d.	5
Octabromobiphenyl ether		n.d.	5
Nonabromobiphenyl ether		n.d.	5
Decabromobiphenyl ether		n.d.	5
Sum of PBDEs (Mono to Deca)		n.d.	-

## **TEST PART DESCRIPTION:**

NO.1

: MIXED ALL PARTS

- Note : 1. mg/kg = ppm
  - 2. n.d. = Not Detected
  - 3. MDL = Method Detection Limit
  - 4. According to 2005/717/EC DecaBDE is exempt.
  - 5. "-" = Not Regulated
  - 6. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

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\*\* End of Report \*\*

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