

Test Report

BOURNS INC.
1200 COLUMBIA AVE., RIVERSIDE, CA 92507-2114, USA

Report No. : CE/2005/B4327E
Date : 2005/11/25
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The following merchandise was (were) submitted and identified by the client as :

Type of Product : TYPE 1: LEAD FREE CHIP ARRAY, CHIP RESISTOR
(OUTER TERMINATION LAYER)
TYPE 2: LEAD FREE CHIP ARRAY, CHIP RESISTOR
Style/Item No : CAY16-LF, CR-LF, CRL-LF, CRH-LF, CRP-LF SERIES
Sample Received : 2005/11/18
Testing Date : 2005/11/18 TO 2005/11/25

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Test Result : - Please see the next page -

* This report is combined with reports of CE/2005/B4327 & CE/2005/B4327A *


Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

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Test Result

PART NAME NO.1 : MIXED ALL PARTS (WHITE MARKING, BLACK OVERCOAT, SILVER COLORED TERMINAL AND WHITE SUBSTRATE)(CE/2005/B4327)

PART NAME NO.2 : MIXED ALL PARTS (WHITE MARKING, BLACK OVERCOAT, SILVER COLORED TERMINAL AND WHITE SUBSTRATE)(CE/2005/B4327A)

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.
Dibromobiphenyl	%		0.0005	---	N.D.
Tribromobiphenyl	%		0.0005	---	N.D.
Tetrabromobiphenyl	%		0.0005	---	N.D.
Pentabromobiphenyl	%		0.0005	---	N.D.
Hexabromobiphenyl	%		0.0005	---	N.D.
Heptabromobiphenyl	%		0.0005	---	N.D.
Octabromobiphenyl	%		0.0005	---	N.D.
Nonabromobiphenyl	%		0.0005	---	N.D.
Decabromobiphenyl	%		0.0005	---	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	---	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	---	N.D.
Dibromobiphenyl ether	%		0.0005	---	N.D.
Tribromobiphenyl ether	%		0.0005	---	N.D.
Tetrabromobiphenyl ether	%		0.0005	---	N.D.
Pentabromobiphenyl ether	%		0.0005	---	N.D.
Hexabromobiphenyl ether	%		0.0005	---	N.D.
Heptabromobiphenyl ether	%		0.0005	---	N.D.
Octabromobiphenyl ether	%		0.0005	---	N.D.
Nonabromobiphenyl ether	%		0.0005	---	N.D.
Decabromobiphenyl ether	%		0.0005	---	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	---	N.D.
Total of Mono to Nonabrominated biphenyl ether. (Note 4)	%	-	---	N.D.	

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Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	---	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	---	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	---	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	51.7	---

- NOTE: (1) N.D. = Not detected (<MDL)
 (2) ppm = mg/kg
 (3) MDL = Method Detection Limit
 (4) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
 (5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
 (6) " - " = Not Regulation
 (7) " --- " = Not Applicable