



Test Report


MERITEK ELETRONICS CORPORATION
11824 HAMDEN PLACE, SANTA FE SPRINGS, CA90670

Report No. : CE/2004/62686B
Date : 2004/06/30
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The following merchandise was (were) submitted and identified by the client as :

Type of Product : VARISTOR
Sample Received : 2004/06/23
Testing Date : 2004/06/23 TO 2004/06/30

=====
Test Result : - Please see the next page -


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 : PLEASE REFER TO THE SAMPLE CARD(S).(MIX ALL PARTS)

Test Item (s):	Unit	Method	MDL	Result				
				No.1				
Asbestos		With reference to Health Canada, product safety bureau reference-Manual method.						
Anthrophyllite	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative				
Crocodolite	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative				
Amosite	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative				
Tremolite	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative				
Chrysotile	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative				
Actinolite	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative				

Test Item (s):	Unit	Method	MDL	Result				
				No.1				
AZO		As per LMBG 8202-2						
4-AMINODIPHENYL (CAS NO.92-67-1)	ppm	Analysis was performed by GC/MS.	3	N.D.				
BENZIDINE (CAS NO.92-87-5)	ppm	Analysis was performed by GC/MS.	3	N.D.				
4-CHLORO-O-TOLUIDINE (CAS NO.95-69-2)	ppm	Analysis was performed by GC/MS.	3	N.D.				
2-NAPHTHYLAMINE (CAS NO.91-59-8)	ppm	Analysis was performed by GC/MS.	3	N.D.				

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Test Item (s):	Unit	Method	MDL	Result				
				No.1				
O-AMINOAZOTOLUENE (CAS NO.97-56-3)	ppm	Analysis was performed by GC/MS.	3	N.D.				
2-AMINO-4-NITROTOLUENE (CAS NO.99-55-8)	ppm	Analysis was performed by GC/MS.	3	N.D.				
P-CHLOROANILINE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	N.D.				
2,4-DIAMINOANISOLE (CAS NO.615-05-4)	ppm	Analysis was performed by GC/MS.	3	N.D.				
4,4-DIAMINODIPHENYLMETHANE (CAS NO.101-77-9)	ppm	Analysis was performed by GC/MS.	3	N.D.				
3,3-DICHLOROBENZIDINE (CAS NO.91-94-1)	ppm	Analysis was performed by GC/MS.	3	N.D.				
3,3-DIMETHOXYBENZIDINE (CAS NO.119-90-4)	ppm	Analysis was performed by GC/MS.	3	N.D.				
3,3-DIMETHYLBENZIDINE (CAS NO.119-93-7)	ppm	Analysis was performed by GC/MS.	3	N.D.				
3,3-DIMETHYL-4,4-DIAMINODIPHENYLMETHANE (CAS NO.838-88-0)	ppm	Analysis was performed by GC/MS.	3	N.D.				
P-CRESIDINE(2-METHOXY-5-METHYLANILINE) (CAS NO.120-71-8)	ppm	Analysis was performed by GC/MS.	3	N.D.				
4,4-METHYLENE-BIS-(2-CHLORANILINE) (CAS NO.101-14-4)	ppm	Analysis was performed by GC/MS.	3	N.D.				
4,4-OXYDIANILINE (CAS NO.101-80-4)	ppm	Analysis was performed by GC/MS.	3	N.D.				
4,4-THIODIANILINE (CAS NO.139-65-1)	ppm	Analysis was performed by GC/MS.	3	N.D.				
O-TOLUIDINE (CAS NO.95-53-4)	ppm	Analysis was performed by GC/MS.	3	N.D.				
2,4-TOLUYLENDIAMINE (CAS NO.95-80-7)	ppm	Analysis was performed by GC/MS.	3	N.D.				

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Test Item (s):	Unit	Method	MDL	Result				
				No.1				
2,4,5-TRIMETHYLANILINE (CAS NO.137-17-7)	ppm	Analysis was performed by GC/MS.	3	N.D.				
O-ANISIDINE (CAS NO.90-04-0)	ppm	Analysis was performed by GC/MS.	3	N.D.				
P-AMINOAZOBENZENE (CAS NO.60-09-3)	ppm	Analysis was performed by GC/MS.	3	N.D.				

Test Item (s):	Unit	Method	MDL	Result				
				No.1				
Chlorinated Paraffin (C10~C13) (CAS NO:010871-26-2)	%	Analysis was performed by GC/MS.	0.01	N.D.				

Test Item (s):	Unit	Method	MDL	Result				
				No.1				
Mirex(CAS NO:002385-85-5)	ppm	Analysis was performed by GC/MS.	4	N.D.				

Test Item (s):	Unit	Method	MDL	Result				
				No.1				
PBBs(Polybrominated biphenyls)(CAS NO:67774-32-7)	%	With reference to 83/264/EEC. Analysis was performed by GC/MS/ECD or HPLC/DAD/MS.	5E-04	N.D.				
PBBEs(PBDEs)(Polybrominate d biphenyl ethers)	%	With reference to 83/264/EEC. Analysis was performed by GC/MS/ECD or HPLC/DAD/MS.	5E-04	N.D.				

Test Item (s):	Unit	Method	MDL	Result				
				No.1				
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)	ppm	With reference to US EPA 8082, 89/677/EEC. Analysis was performed by GC/ECD/MS.	0.5	N.D.				

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Test Item (s):	Unit	Method	MDL	Result					
				No.1					
Polychlorinated Naphthalene	ppm	Analysis was performed by GC/MS.	5	N.D.					

Test Item (s):	Unit	Method	MDL	Result					
				No.1					
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.					
Arsenic (As)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.					
Barium (Ba)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	2.2					
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.					
Chromium (Cr)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	3294.2					
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.					
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	15.1					
Antimony (Sb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	42414.0					
Selenium (Se)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.					

- NOTE :
- (1) N.D. = Not detected (<MDL)
 - (2) ppm = mg/kg
 - (3) MDL = Method Detection Limit
 - (4) " - " = No Regulation
 - (5) ** = Qualitative analysis (No Unit)
 - (6) Negative = Undetectable / Positive = Detectable