

Test Report

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DIELECTRIC LABORATORIES INC

2777 Route 20 East
Cazenovia Madison NY 13035
United States

Attn: Vicky Thurston

Report on the submitted samples said to be **Ceramic material for capacitors, Color – Gold (Plating), Style # BT Ceramic**

Sample Received Date: **10/25/2006**

Testing Period **10/25/2006 to 11/03/06**

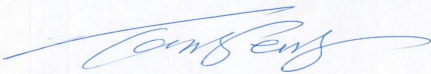
Test Requested: In accordance with the RoHS Directive 2002/95/EC and its amendment directives

- Test Method:**
- (1) With reference to BS EN 1122:2001, Method B for Cadmium Content.
Analysis was performed by ICP / AAS.
 - (2) With reference to US EPA Method 3050B/ 3051/ 3052 for Lead Content.
Analysis was performed by ICP / AAS
 - (3) With reference to US EPA Method 3051/ 3052 for Mercury Content.
Analysis was performed by ICP / CV-AAS
 - (4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium.
Analysis was performed by UV/Vis Spectrometry
 - (5) With reference to EPA Method 3540C/ 3550C for PBB / PBDE Content.
Analysis was performed by GC/MS

Test Result(s): Please refer to next page(s).

Conclusion: Based on the performed tests on submitted samples, the result **complies with** the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS US Testing Co



Tang S. Peng, Ph.D.
Chemistry Laboratory Manager

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

Test Items	Method (refer to)	Result	Method Detection Limit	RoHS Limit
Cadmium (Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium [Cr(VI)]	(4)	ND	2	1000
Sum of PBBs		ND	-	1000
Monobromobiphenyl	(5)	ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDE (Mono to Nona, see note 2)			ND	-
Monobromodiphenyl ether	(5)	ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-
Sum of PBDE (Mono – Deca)			ND	-

- Note:
- (1) ND = Not Detected, reported when the reading is less than the method detection limit.
 - (2) Sum of Mono to NonaBDE. DecaBDE is exempt according to 2005/717/EC.
 - (3) NA = Not enough sample, waiting for more sample

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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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